

Expanded to Standard Form (A)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(9 \times 100,000,000) + (7 \times 10,000,000) + (1 \times 1,000,000) + (1 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (7 \times 100) + (9 \times 10) + (8 \times 1)$
2. $(9 \times 100,000,000) + (1 \times 10,000,000) + (9 \times 1,000,000) + (1 \times 100,000) + (7 \times 10,000) + (1 \times 1000) + (3 \times 100) + (3 \times 10) + (7 \times 1)$
3. $(8 \times 100,000,000) + (4 \times 10,000,000) + (1 \times 1,000,000) + (9 \times 100,000) + (9 \times 10,000) + (1 \times 100) + (3 \times 10) + (1 \times 1)$
4. $(9 \times 100,000,000) + (1 \times 10,000,000) + (5 \times 1,000,000) + (7 \times 10,000) + (8 \times 1000) + (2 \times 100) + (2 \times 10) + (2 \times 1)$
5. $(2 \times 100,000,000) + (7 \times 10,000,000) + (8 \times 1,000,000) + (7 \times 100,000) + (5 \times 10,000) + (1 \times 1000) + (7 \times 100) + (6 \times 1)$
6. $(6 \times 100,000,000) + (1 \times 10,000,000) + (4 \times 1,000,000) + (7 \times 100,000) + (4 \times 10,000) + (3 \times 1000) + (7 \times 100) + (5 \times 10) + (3 \times 1)$
7. $(3 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (3 \times 100,000) + (9 \times 10,000) + (9 \times 1000) + (2 \times 100) + (6 \times 10) + (1 \times 1)$
8. $(4 \times 100,000,000) + (8 \times 10,000,000) + (4 \times 1,000,000) + (6 \times 10,000) + (3 \times 1000) + (8 \times 10) + (3 \times 1)$
9. $(6 \times 100,000,000) + (6 \times 10,000,000) + (6 \times 100,000) + (3 \times 10,000) + (4 \times 1000) + (2 \times 100) + (5 \times 10) + (7 \times 1)$
10. $(8 \times 100,000,000) + (5 \times 10,000,000) + (6 \times 1,000,000) + (4 \times 100,000) + (8 \times 10,000) + (4 \times 1000) + (4 \times 100) + (7 \times 10) + (9 \times 1)$

Expanded to Standard Form (A) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(9 \times 100,000,000) + (7 \times 10,000,000) + (1 \times 1,000,000) + (1 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (7 \times 100) + (9 \times 10) + (8 \times 1)$

971,126,798

2. $(9 \times 100,000,000) + (1 \times 10,000,000) + (9 \times 1,000,000) + (1 \times 100,000) + (7 \times 10,000) + (1 \times 1000) + (3 \times 100) + (3 \times 10) + (7 \times 1)$

919,171,337

3. $(8 \times 100,000,000) + (4 \times 10,000,000) + (1 \times 1,000,000) + (9 \times 100,000) + (9 \times 10,000) + (1 \times 100) + (3 \times 10) + (1 \times 1)$

841,990,131

4. $(9 \times 100,000,000) + (1 \times 10,000,000) + (5 \times 1,000,000) + (7 \times 10,000) + (8 \times 1000) + (2 \times 100) + (2 \times 10) + (2 \times 1)$

915,078,222

5. $(2 \times 100,000,000) + (7 \times 10,000,000) + (8 \times 1,000,000) + (7 \times 100,000) + (5 \times 10,000) + (1 \times 1000) + (7 \times 100) + (6 \times 1)$

278,751,706

6. $(6 \times 100,000,000) + (1 \times 10,000,000) + (4 \times 1,000,000) + (7 \times 100,000) + (4 \times 10,000) + (3 \times 1000) + (7 \times 100) + (5 \times 10) + (3 \times 1)$

614,743,753

7. $(3 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (3 \times 100,000) + (9 \times 10,000) + (9 \times 1000) + (2 \times 100) + (6 \times 10) + (1 \times 1)$

358,399,261

8. $(4 \times 100,000,000) + (8 \times 10,000,000) + (4 \times 1,000,000) + (6 \times 10,000) + (3 \times 1000) + (8 \times 10) + (3 \times 1)$

484,063,083

9. $(6 \times 100,000,000) + (6 \times 10,000,000) + (6 \times 100,000) + (3 \times 10,000) + (4 \times 1000) + (2 \times 100) + (5 \times 10) + (7 \times 1)$

660,634,257

10. $(8 \times 100,000,000) + (5 \times 10,000,000) + (6 \times 1,000,000) + (4 \times 100,000) + (8 \times 10,000) + (4 \times 1000) + (4 \times 100) + (7 \times 10) + (9 \times 1)$

856,484,479

Expanded to Standard Form (B)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(7 \times 100,000,000) + (7 \times 10,000,000) + (1 \times 1,000,000) + (2 \times 100,000) + (5 \times 10,000) + (5 \times 100) + (3 \times 10) + (8 \times 1)$
2. $(9 \times 100,000,000) + (1 \times 10,000,000) + (2 \times 1,000,000) + (6 \times 10,000) + (8 \times 1000) + (6 \times 100) + (1 \times 10) + (4 \times 1)$
3. $(7 \times 100,000,000) + (4 \times 1,000,000) + (5 \times 100,000) + (5 \times 10,000) + (9 \times 1000) + (1 \times 10) + (8 \times 1)$
4. $(8 \times 100,000,000) + (4 \times 10,000,000) + (6 \times 1,000,000) + (9 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (7 \times 100) + (3 \times 10) + (7 \times 1)$
5. $(1 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (6 \times 100,000) + (6 \times 10,000) + (5 \times 1000) + (6 \times 10) + (3 \times 1)$
6. $(5 \times 100,000,000) + (4 \times 10,000,000) + (7 \times 1,000,000) + (8 \times 100,000) + (5 \times 10,000) + (7 \times 1000) + (2 \times 100) + (5 \times 10) + (8 \times 1)$
7. $(3 \times 100,000,000) + (7 \times 10,000,000) + (3 \times 10,000) + (1 \times 1000) + (9 \times 100) + (2 \times 10) + (2 \times 1)$
8. $(6 \times 100,000,000) + (7 \times 10,000,000) + (6 \times 100,000) + (4 \times 10,000) + (6 \times 1000) + (1 \times 100) + (7 \times 10) + (2 \times 1)$
9. $(2 \times 100,000,000) + (7 \times 1,000,000) + (9 \times 100,000) + (4 \times 10,000) + (8 \times 100) + (1 \times 10) + (8 \times 1)$
10. $(1 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (7 \times 100,000) + (8 \times 1000) + (3 \times 100) + (6 \times 10) + (5 \times 1)$

Expanded to Standard Form (B) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(7 \times 100,000,000) + (7 \times 10,000,000) + (1 \times 1,000,000) + (2 \times 100,000) + (5 \times 10,000) + (5 \times 100) + (3 \times 10) + (8 \times 1)$

771,250,538

2. $(9 \times 100,000,000) + (1 \times 10,000,000) + (2 \times 1,000,000) + (6 \times 10,000) + (8 \times 1000) + (6 \times 100) + (1 \times 10) + (4 \times 1)$

912,068,614

3. $(7 \times 100,000,000) + (4 \times 1,000,000) + (5 \times 100,000) + (5 \times 10,000) + (9 \times 1000) + (1 \times 10) + (8 \times 1)$

704,559,018

4. $(8 \times 100,000,000) + (4 \times 10,000,000) + (6 \times 1,000,000) + (9 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (7 \times 100) + (3 \times 10) + (7 \times 1)$

846,926,737

5. $(1 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (6 \times 100,000) + (6 \times 10,000) + (5 \times 1000) + (6 \times 10) + (3 \times 1)$

116,665,063

6. $(5 \times 100,000,000) + (4 \times 10,000,000) + (7 \times 1,000,000) + (8 \times 100,000) + (5 \times 10,000) + (7 \times 1000) + (2 \times 100) + (5 \times 10) + (8 \times 1)$

547,857,258

7. $(3 \times 100,000,000) + (7 \times 10,000,000) + (3 \times 10,000) + (1 \times 1000) + (9 \times 100) + (2 \times 10) + (2 \times 1)$

370,031,922

8. $(6 \times 100,000,000) + (7 \times 10,000,000) + (6 \times 100,000) + (4 \times 10,000) + (6 \times 1000) + (1 \times 100) + (7 \times 10) + (2 \times 1)$

670,646,172

9. $(2 \times 100,000,000) + (7 \times 1,000,000) + (9 \times 100,000) + (4 \times 10,000) + (8 \times 100) + (1 \times 10) + (8 \times 1)$

207,940,818

10. $(1 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (7 \times 100,000) + (8 \times 1000) + (3 \times 100) + (6 \times 10) + (5 \times 1)$

158,708,365

Expanded to Standard Form (C)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(5 \times 100,000,000) + (9 \times 10,000,000) + (7 \times 1,000,000) + (1 \times 100,000) + (2 \times 10,000) + (8 \times 1000) + (1 \times 100) + (4 \times 1)$
2. $(2 \times 100,000,000) + (1 \times 10,000,000) + (2 \times 1,000,000) + (3 \times 100,000) + (8 \times 10,000) + (7 \times 1000) + (8 \times 100) + (6 \times 10) + (6 \times 1)$
3. $(2 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (5 \times 100,000) + (7 \times 10,000) + (2 \times 1000) + (3 \times 10) + (9 \times 1)$
4. $(8 \times 100,000,000) + (3 \times 10,000,000) + (5 \times 1,000,000) + (3 \times 100,000) + (2 \times 10,000) + (4 \times 100) + (4 \times 10) + (2 \times 1)$
5. $(6 \times 100,000,000) + (7 \times 10,000,000) + (7 \times 1,000,000) + (8 \times 100,000) + (5 \times 10,000) + (2 \times 1000) + (5 \times 100) + (7 \times 10) + (5 \times 1)$
6. $(8 \times 100,000,000) + (5 \times 10,000,000) + (3 \times 1,000,000) + (2 \times 100,000) + (8 \times 1000) + (1 \times 100) + (7 \times 10) + (9 \times 1)$
7. $(1 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (4 \times 100,000) + (2 \times 10,000) + (9 \times 1000) + (4 \times 100) + (5 \times 10) + (4 \times 1)$
8. $(2 \times 100,000,000) + (5 \times 10,000,000) + (5 \times 1,000,000) + (8 \times 100,000) + (7 \times 10,000) + (5 \times 1000) + (9 \times 100) + (4 \times 10) + (1 \times 1)$
9. $(6 \times 100,000,000) + (8 \times 10,000,000) + (1 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + (3 \times 100) + (1 \times 10) + (7 \times 1)$
10. $(7 \times 100,000,000) + (6 \times 10,000,000) + (2 \times 1,000,000) + (8 \times 100,000) + (1 \times 10,000) + (8 \times 1000) + (1 \times 100) + (6 \times 10) + (2 \times 1)$

Expanded to Standard Form (C) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(5 \times 100,000,000) + (9 \times 10,000,000) + (7 \times 1,000,000) + (1 \times 100,000) + (2 \times 10,000) + (8 \times 1000) + (1 \times 100) + (4 \times 1)$

597,128,104

2. $(2 \times 100,000,000) + (1 \times 10,000,000) + (2 \times 1,000,000) + (3 \times 100,000) + (8 \times 10,000) + (7 \times 1000) + (8 \times 100) + (6 \times 10) + (6 \times 1)$

212,387,866

3. $(2 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (5 \times 100,000) + (7 \times 10,000) + (2 \times 1000) + (3 \times 10) + (9 \times 1)$

216,572,039

4. $(8 \times 100,000,000) + (3 \times 10,000,000) + (5 \times 1,000,000) + (3 \times 100,000) + (2 \times 10,000) + (4 \times 100) + (4 \times 10) + (2 \times 1)$

835,320,442

5. $(6 \times 100,000,000) + (7 \times 10,000,000) + (7 \times 1,000,000) + (8 \times 100,000) + (5 \times 10,000) + (2 \times 1000) + (5 \times 100) + (7 \times 10) + (5 \times 1)$

677,852,575

6. $(8 \times 100,000,000) + (5 \times 10,000,000) + (3 \times 1,000,000) + (2 \times 100,000) + (8 \times 1000) + (1 \times 100) + (7 \times 10) + (9 \times 1)$

853,208,179

7. $(1 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (4 \times 100,000) + (2 \times 10,000) + (9 \times 1000) + (4 \times 100) + (5 \times 10) + (4 \times 1)$

198,429,454

8. $(2 \times 100,000,000) + (5 \times 10,000,000) + (5 \times 1,000,000) + (8 \times 100,000) + (7 \times 10,000) + (5 \times 1000) + (9 \times 100) + (4 \times 10) + (1 \times 1)$

255,875,941

9. $(6 \times 100,000,000) + (8 \times 10,000,000) + (1 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + (3 \times 100) + (1 \times 10) + (7 \times 1)$

681,340,317

10. $(7 \times 100,000,000) + (6 \times 10,000,000) + (2 \times 1,000,000) + (8 \times 100,000) + (1 \times 10,000) + (8 \times 1000) + (1 \times 100) + (6 \times 10) + (2 \times 1)$

762,818,162

Expanded to Standard Form (D)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(2 \times 100,000,000) + (3 \times 10,000,000) + (6 \times 1,000,000) + (1 \times 100,000) + (1 \times 10,000) + (9 \times 1000) + (3 \times 10) + (9 \times 1)$
2. $(8 \times 100,000,000) + (4 \times 10,000,000) + (9 \times 1,000,000) + (7 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (7 \times 100) + (6 \times 10)$
3. $(6 \times 100,000,000) + (8 \times 1,000,000) + (8 \times 100,000) + (4 \times 10,000) + (4 \times 1000) + (2 \times 100) + (6 \times 10) + (7 \times 1)$
4. $(9 \times 100,000,000) + (5 \times 10,000,000) + (4 \times 1,000,000) + (4 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (4 \times 10) + (6 \times 1)$
5. $(6 \times 100,000,000) + (5 \times 10,000,000) + (2 \times 1,000,000) + (4 \times 100,000) + (7 \times 10,000) + (7 \times 1000) + (6 \times 100) + (7 \times 10) + (8 \times 1)$
6. $(7 \times 100,000,000) + (9 \times 10,000,000) + (7 \times 1,000,000) + (3 \times 100,000) + (5 \times 10,000) + (4 \times 1000) + (5 \times 100) + (9 \times 10) + (1 \times 1)$
7. $(9 \times 100,000,000) + (5 \times 1,000,000) + (6 \times 100,000) + (6 \times 10,000) + (8 \times 1000) + (7 \times 10) + (3 \times 1)$
8. $(9 \times 100,000,000) + (4 \times 10,000,000) + (6 \times 1,000,000) + (5 \times 100,000) + (2 \times 10,000) + (8 \times 1000) + (4 \times 100) + (2 \times 10) + (1 \times 1)$
9. $(4 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (9 \times 100,000) + (2 \times 10,000) + (1 \times 1000) + (9 \times 100) + (9 \times 10) + (9 \times 1)$
10. $(3 \times 100,000,000) + (9 \times 10,000,000) + (4 \times 1,000,000) + (2 \times 100,000) + (1 \times 10,000) + (6 \times 1000) + (5 \times 100) + (6 \times 10) + (9 \times 1)$

Expanded to Standard Form (D) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(2 \times 100,000,000) + (3 \times 10,000,000) + (6 \times 1,000,000) + (1 \times 100,000) + (1 \times 10,000) + (9 \times 1000) + (3 \times 10) + (9 \times 1)$

236,119,039

2. $(8 \times 100,000,000) + (4 \times 10,000,000) + (9 \times 1,000,000) + (7 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (7 \times 100) + (6 \times 10)$

849,726,760

3. $(6 \times 100,000,000) + (8 \times 1,000,000) + (8 \times 100,000) + (4 \times 10,000) + (4 \times 1000) + (2 \times 100) + (6 \times 10) + (7 \times 1)$

608,844,267

4. $(9 \times 100,000,000) + (5 \times 10,000,000) + (4 \times 1,000,000) + (4 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (4 \times 10) + (6 \times 1)$

954,426,046

5. $(6 \times 100,000,000) + (5 \times 10,000,000) + (2 \times 1,000,000) + (4 \times 100,000) + (7 \times 10,000) + (7 \times 1000) + (6 \times 100) + (7 \times 10) + (8 \times 1)$

652,477,678

6. $(7 \times 100,000,000) + (9 \times 10,000,000) + (7 \times 1,000,000) + (3 \times 100,000) + (5 \times 10,000) + (4 \times 1000) + (5 \times 100) + (9 \times 10) + (1 \times 1)$

797,354,591

7. $(9 \times 100,000,000) + (5 \times 1,000,000) + (6 \times 100,000) + (6 \times 10,000) + (8 \times 1000) + (7 \times 10) + (3 \times 1)$

905,668,073

8. $(9 \times 100,000,000) + (4 \times 10,000,000) + (6 \times 1,000,000) + (5 \times 100,000) + (2 \times 10,000) + (8 \times 1000) + (4 \times 100) + (2 \times 10) + (1 \times 1)$

946,528,421

9. $(4 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (9 \times 100,000) + (2 \times 10,000) + (1 \times 1000) + (9 \times 100) + (9 \times 10) + (9 \times 1)$

416,921,999

10. $(3 \times 100,000,000) + (9 \times 10,000,000) + (4 \times 1,000,000) + (2 \times 100,000) + (1 \times 10,000) + (6 \times 1000) + (5 \times 100) + (6 \times 10) + (9 \times 1)$

394,216,569

Expanded to Standard Form (E)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(4 \times 100,000,000) + (8 \times 10,000,000) + (5 \times 100,000) + (5 \times 10,000) + (8 \times 1000) + (5 \times 100) + (7 \times 10) + (8 \times 1)$
2. $(6 \times 100,000,000) + (1 \times 10,000,000) + (5 \times 1,000,000) + (6 \times 100,000) + (9 \times 10,000) + (2 \times 1000) + (7 \times 100) + (5 \times 10) + (3 \times 1)$
3. $(5 \times 100,000,000) + (3 \times 10,000,000) + (2 \times 1,000,000) + (7 \times 10,000) + (9 \times 1000) + (3 \times 10) + (1 \times 1)$
4. $(3 \times 100,000,000) + (1 \times 10,000,000) + (1 \times 1,000,000) + (8 \times 100,000) + (9 \times 10,000) + (7 \times 1000) + (4 \times 100) + (1 \times 10) + (2 \times 1)$
5. $(4 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (5 \times 100,000) + (7 \times 10,000) + (3 \times 1000) + (9 \times 100) + (4 \times 10) + (7 \times 1)$
6. $(4 \times 100,000,000) + (7 \times 10,000,000) + (2 \times 1,000,000) + (9 \times 100,000) + (8 \times 10,000) + (7 \times 1000) + (5 \times 100) + (5 \times 10) + (8 \times 1)$
7. $(4 \times 100,000,000) + (9 \times 10,000,000) + (3 \times 1,000,000) + (3 \times 100,000) + (1 \times 10,000) + (8 \times 1000) + (6 \times 100) + (3 \times 10) + (6 \times 1)$
8. $(5 \times 100,000,000) + (7 \times 10,000) + (1 \times 1000) + (4 \times 100) + (5 \times 10) + (5 \times 1)$
9. $(7 \times 100,000,000) + (2 \times 10,000,000) + (9 \times 1,000,000) + (1 \times 100,000) + (4 \times 10,000) + (1 \times 1000) + (6 \times 100) + (9 \times 10) + (5 \times 1)$
10. $(9 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (3 \times 100,000) + (5 \times 10,000) + (9 \times 100) + (2 \times 10) + (3 \times 1)$

Expanded to Standard Form (E) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(4 \times 100,000,000) + (8 \times 10,000,000) + (5 \times 100,000) + (5 \times 10,000) + (8 \times 1000) + (5 \times 100) + (7 \times 10) + (8 \times 1)$

480,558,578

2. $(6 \times 100,000,000) + (1 \times 10,000,000) + (5 \times 1,000,000) + (6 \times 100,000) + (9 \times 10,000) + (2 \times 1000) + (7 \times 100) + (5 \times 10) + (3 \times 1)$

615,692,753

3. $(5 \times 100,000,000) + (3 \times 10,000,000) + (2 \times 1,000,000) + (7 \times 10,000) + (9 \times 1000) + (3 \times 10) + (1 \times 1)$

532,079,031

4. $(3 \times 100,000,000) + (1 \times 10,000,000) + (1 \times 1,000,000) + (8 \times 100,000) + (9 \times 10,000) + (7 \times 1000) + (4 \times 100) + (1 \times 10) + (2 \times 1)$

311,897,412

5. $(4 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (5 \times 100,000) + (7 \times 10,000) + (3 \times 1000) + (9 \times 100) + (4 \times 10) + (7 \times 1)$

498,573,947

6. $(4 \times 100,000,000) + (7 \times 10,000,000) + (2 \times 1,000,000) + (9 \times 100,000) + (8 \times 10,000) + (7 \times 1000) + (5 \times 100) + (5 \times 10) + (8 \times 1)$

472,987,558

7. $(4 \times 100,000,000) + (9 \times 10,000,000) + (3 \times 1,000,000) + (3 \times 100,000) + (1 \times 10,000) + (8 \times 1000) + (6 \times 100) + (3 \times 10) + (6 \times 1)$

493,318,636

8. $(5 \times 100,000,000) + (7 \times 10,000) + (1 \times 1000) + (4 \times 100) + (5 \times 10) + (5 \times 1)$

500,071,455

9. $(7 \times 100,000,000) + (2 \times 10,000,000) + (9 \times 1,000,000) + (1 \times 100,000) + (4 \times 10,000) + (1 \times 1000) + (6 \times 100) + (9 \times 10) + (5 \times 1)$

729,141,695

10. $(9 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (3 \times 100,000) + (5 \times 10,000) + (9 \times 100) + (2 \times 10) + (3 \times 1)$

916,350,923

Expanded to Standard Form (F)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(5 \times 100,000,000) + (3 \times 10,000,000) + (5 \times 100,000) + (1 \times 10,000) + (3 \times 1000) + (9 \times 100) + (4 \times 10) + (4 \times 1)$
2. $(9 \times 100,000,000) + (5 \times 10,000,000) + (4 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + (2 \times 1000) + (5 \times 100) + (5 \times 10) + (8 \times 1)$
3. $(8 \times 100,000,000) + (1 \times 10,000,000) + (1 \times 100,000) + (4 \times 10,000) + (6 \times 1000) + (5 \times 100) + (2 \times 10) + (4 \times 1)$
4. $(7 \times 100,000,000) + (1 \times 10,000,000) + (5 \times 1,000,000) + (4 \times 100,000) + (1 \times 10,000) + (7 \times 1000) + (2 \times 100) + (5 \times 10) + (1 \times 1)$
5. $(7 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (5 \times 100,000) + (8 \times 10,000) + (9 \times 1000) + (7 \times 100) + (8 \times 10) + (4 \times 1)$
6. $(7 \times 100,000,000) + (2 \times 10,000,000) + (1 \times 1,000,000) + (9 \times 100,000) + (8 \times 10,000) + (1 \times 1000) + (7 \times 100) + (1 \times 10) + (5 \times 1)$
7. $(9 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (6 \times 100,000) + (3 \times 10,000) + (6 \times 1000) + (4 \times 1)$
8. $(6 \times 100,000,000) + (8 \times 100,000) + (6 \times 10,000) + (8 \times 1000) + (3 \times 100) + (7 \times 10)$
9. $(9 \times 100,000,000) + (6 \times 10,000,000) + (4 \times 1,000,000) + (9 \times 100,000) + (8 \times 10,000) + (2 \times 1000) + (4 \times 100) + (5 \times 10) + (2 \times 1)$
10. $(4 \times 100,000,000) + (9 \times 10,000,000) + (1 \times 1,000,000) + (2 \times 100,000) + (9 \times 10,000) + (6 \times 1000) + (5 \times 100) + (9 \times 10) + (6 \times 1)$

Expanded to Standard Form (F) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(5 \times 100,000,000) + (3 \times 10,000,000) + (5 \times 100,000) + (1 \times 10,000) + (3 \times 1000) + (9 \times 100) + (4 \times 10) + (4 \times 1)$

530,513,944

2. $(9 \times 100,000,000) + (5 \times 10,000,000) + (4 \times 1,000,000) + (3 \times 100,000) + (4 \times 10,000) + (2 \times 1000) + (5 \times 100) + (5 \times 10) + (8 \times 1)$

954,342,558

3. $(8 \times 100,000,000) + (1 \times 10,000,000) + (1 \times 100,000) + (4 \times 10,000) + (6 \times 1000) + (5 \times 100) + (2 \times 10) + (4 \times 1)$

810,146,524

4. $(7 \times 100,000,000) + (1 \times 10,000,000) + (5 \times 1,000,000) + (4 \times 100,000) + (1 \times 10,000) + (7 \times 1000) + (2 \times 100) + (5 \times 10) + (1 \times 1)$

715,417,251

5. $(7 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (5 \times 100,000) + (8 \times 10,000) + (9 \times 1000) + (7 \times 100) + (8 \times 10) + (4 \times 1)$

798,589,784

6. $(7 \times 100,000,000) + (2 \times 10,000,000) + (1 \times 1,000,000) + (9 \times 100,000) + (8 \times 10,000) + (1 \times 1000) + (7 \times 100) + (1 \times 10) + (5 \times 1)$

721,981,715

7. $(9 \times 100,000,000) + (9 \times 10,000,000) + (8 \times 1,000,000) + (6 \times 100,000) + (3 \times 10,000) + (6 \times 1000) + (4 \times 1)$

998,636,004

8. $(6 \times 100,000,000) + (8 \times 100,000) + (6 \times 10,000) + (8 \times 1000) + (3 \times 100) + (7 \times 10)$

600,868,370

9. $(9 \times 100,000,000) + (6 \times 10,000,000) + (4 \times 1,000,000) + (9 \times 100,000) + (8 \times 10,000) + (2 \times 1000) + (4 \times 100) + (5 \times 10) + (2 \times 1)$

964,982,452

10. $(4 \times 100,000,000) + (9 \times 10,000,000) + (1 \times 1,000,000) + (2 \times 100,000) + (9 \times 10,000) + (6 \times 1000) + (5 \times 100) + (9 \times 10) + (6 \times 1)$

491,296,596

Expanded to Standard Form (G)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(5 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (5 \times 100,000) + (9 \times 1000) + (4 \times 100) + (4 \times 10)$
2. $(5 \times 100,000,000) + (8 \times 10,000,000) + (4 \times 1,000,000) + (6 \times 10,000) + (5 \times 1000) + (6 \times 100) + (1 \times 10)$
3. $(8 \times 100,000,000) + (6 \times 10,000,000) + (4 \times 1,000,000) + (4 \times 100,000) + (2 \times 1000) + (3 \times 100) + (8 \times 10) + (8 \times 1)$
4. $(7 \times 100,000,000) + (2 \times 10,000,000) + (8 \times 100,000) + (5 \times 10,000) + (1 \times 1000) + (2 \times 100) + (4 \times 10) + (7 \times 1)$
5. $(1 \times 100,000,000) + (6 \times 10,000,000) + (3 \times 1,000,000) + (2 \times 100,000) + (3 \times 10,000) + (8 \times 1000) + (6 \times 100) + (1 \times 10) + (5 \times 1)$
6. $(3 \times 100,000,000) + (2 \times 10,000,000) + (7 \times 1,000,000) + (8 \times 100,000) + (2 \times 10,000) + (1 \times 1000) + (3 \times 10) + (4 \times 1)$
7. $(6 \times 100,000,000) + (2 \times 10,000,000) + (8 \times 1,000,000) + (7 \times 100,000) + (3 \times 10,000) + (4 \times 1000) + (1 \times 100) + (6 \times 10) + (3 \times 1)$
8. $(7 \times 100,000,000) + (6 \times 10,000,000) + (3 \times 1,000,000) + (6 \times 10,000) + (6 \times 1000) + (8 \times 100)$
9. $(9 \times 100,000,000) + (9 \times 10,000,000) + (6 \times 100,000) + (7 \times 10,000) + (8 \times 1000) + (3 \times 100) + (6 \times 1)$
10. $(9 \times 100,000,000) + (8 \times 10,000,000) + (3 \times 1,000,000) + (6 \times 100,000) + (1 \times 10,000) + (7 \times 1000) + (3 \times 100) + (4 \times 10) + (9 \times 1)$

Expanded to Standard Form (G) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(5 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (5 \times 100,000) + (9 \times 1000) + (4 \times 100) + (4 \times 10)$

516,509,440

2. $(5 \times 100,000,000) + (8 \times 10,000,000) + (4 \times 1,000,000) + (6 \times 10,000) + (5 \times 1000) + (6 \times 100) + (1 \times 10)$

584,065,610

3. $(8 \times 100,000,000) + (6 \times 10,000,000) + (4 \times 1,000,000) + (4 \times 100,000) + (2 \times 1000) + (3 \times 100) + (8 \times 10) + (8 \times 1)$

864,402,388

4. $(7 \times 100,000,000) + (2 \times 10,000,000) + (8 \times 100,000) + (5 \times 10,000) + (1 \times 1000) + (2 \times 100) + (4 \times 10) + (7 \times 1)$

720,851,247

5. $(1 \times 100,000,000) + (6 \times 10,000,000) + (3 \times 1,000,000) + (2 \times 100,000) + (3 \times 10,000) + (8 \times 1000) + (6 \times 100) + (1 \times 10) + (5 \times 1)$

163,238,615

6. $(3 \times 100,000,000) + (2 \times 10,000,000) + (7 \times 1,000,000) + (8 \times 100,000) + (2 \times 10,000) + (1 \times 1000) + (3 \times 10) + (4 \times 1)$

327,821,034

7. $(6 \times 100,000,000) + (2 \times 10,000,000) + (8 \times 1,000,000) + (7 \times 100,000) + (3 \times 10,000) + (4 \times 1000) + (1 \times 100) + (6 \times 10) + (3 \times 1)$

628,734,163

8. $(7 \times 100,000,000) + (6 \times 10,000,000) + (3 \times 1,000,000) + (6 \times 10,000) + (6 \times 1000) + (8 \times 100)$

763,066,800

9. $(9 \times 100,000,000) + (9 \times 10,000,000) + (6 \times 100,000) + (7 \times 10,000) + (8 \times 1000) + (3 \times 100) + (6 \times 1)$

990,678,306

10. $(9 \times 100,000,000) + (8 \times 10,000,000) + (3 \times 1,000,000) + (6 \times 100,000) + (1 \times 10,000) + (7 \times 1000) + (3 \times 100) + (4 \times 10) + (9 \times 1)$

983,617,349

Expanded to Standard Form (H)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(3 \times 100,000,000) + (7 \times 10,000,000) + (3 \times 100,000) + (1 \times 10,000) + (5 \times 1000) + (8 \times 100) + (7 \times 10) + (6 \times 1)$
2. $(6 \times 100,000,000) + (9 \times 10,000,000) + (7 \times 1,000,000) + (4 \times 100,000) + (1 \times 10,000) + (6 \times 1000) + (4 \times 100) + (9 \times 10) + (5 \times 1)$
3. $(2 \times 100,000,000) + (2 \times 10,000,000) + (9 \times 1,000,000) + (7 \times 10,000) + (3 \times 1000) + (7 \times 100) + (5 \times 1)$
4. $(2 \times 100,000,000) + (8 \times 10,000,000) + (4 \times 1,000,000) + (3 \times 100,000) + (8 \times 10,000) + (8 \times 1000) + (5 \times 100) + (7 \times 10) + (5 \times 1)$
5. $(3 \times 100,000,000) + (8 \times 10,000,000) + (8 \times 1,000,000) + (5 \times 100,000) + (1 \times 10,000) + (6 \times 1000) + (9 \times 100) + (3 \times 10) + (3 \times 1)$
6. $(6 \times 100,000,000) + (9 \times 10,000,000) + (9 \times 1,000,000) + (3 \times 100,000) + (9 \times 10,000) + (3 \times 1000) + (9 \times 100) + (9 \times 10) + (9 \times 1)$
7. $(3 \times 100,000,000) + (9 \times 10,000,000) + (4 \times 1,000,000) + (4 \times 10,000) + (2 \times 1000) + (9 \times 100) + (5 \times 10) + (9 \times 1)$
8. $(8 \times 100,000,000) + (6 \times 10,000,000) + (2 \times 100,000) + (5 \times 10,000) + (9 \times 1000) + (9 \times 100) + (4 \times 10) + (7 \times 1)$
9. $(3 \times 100,000,000) + (1 \times 10,000,000) + (7 \times 1,000,000) + (1 \times 100,000) + (3 \times 10,000) + (2 \times 1000) + (2 \times 100) + (9 \times 10) + (3 \times 1)$
10. $(3 \times 100,000,000) + (7 \times 10,000,000) + (7 \times 1,000,000) + (6 \times 100,000) + (6 \times 1000) + (4 \times 100) + (6 \times 10) + (8 \times 1)$

Expanded to Standard Form (H) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(3 \times 100,000,000) + (7 \times 10,000,000) + (3 \times 100,000) + (1 \times 10,000) + (5 \times 1000) + (8 \times 100) + (7 \times 10) + (6 \times 1)$

370,315,876

2. $(6 \times 100,000,000) + (9 \times 10,000,000) + (7 \times 1,000,000) + (4 \times 100,000) + (1 \times 10,000) + (6 \times 1000) + (4 \times 100) + (9 \times 10) + (5 \times 1)$

697,416,495

3. $(2 \times 100,000,000) + (2 \times 10,000,000) + (9 \times 1,000,000) + (7 \times 10,000) + (3 \times 1000) + (7 \times 100) + (5 \times 1)$

229,073,705

4. $(2 \times 100,000,000) + (8 \times 10,000,000) + (4 \times 1,000,000) + (3 \times 100,000) + (8 \times 10,000) + (8 \times 1000) + (5 \times 100) + (7 \times 10) + (5 \times 1)$

284,388,575

5. $(3 \times 100,000,000) + (8 \times 10,000,000) + (8 \times 1,000,000) + (5 \times 100,000) + (1 \times 10,000) + (6 \times 1000) + (9 \times 100) + (3 \times 10) + (3 \times 1)$

388,516,933

6. $(6 \times 100,000,000) + (9 \times 10,000,000) + (9 \times 1,000,000) + (3 \times 100,000) + (9 \times 10,000) + (3 \times 1000) + (9 \times 100) + (9 \times 10) + (9 \times 1)$

699,393,999

7. $(3 \times 100,000,000) + (9 \times 10,000,000) + (4 \times 1,000,000) + (4 \times 10,000) + (2 \times 1000) + (9 \times 100) + (5 \times 10) + (9 \times 1)$

394,042,959

8. $(8 \times 100,000,000) + (6 \times 10,000,000) + (2 \times 100,000) + (5 \times 10,000) + (9 \times 1000) + (9 \times 100) + (4 \times 10) + (7 \times 1)$

860,259,947

9. $(3 \times 100,000,000) + (1 \times 10,000,000) + (7 \times 1,000,000) + (1 \times 100,000) + (3 \times 10,000) + (2 \times 1000) + (2 \times 100) + (9 \times 10) + (3 \times 1)$

317,132,293

10. $(3 \times 100,000,000) + (7 \times 10,000,000) + (7 \times 1,000,000) + (6 \times 100,000) + (6 \times 1000) + (4 \times 100) + (6 \times 10) + (8 \times 1)$

377,606,468

Expanded to Standard Form (I)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(4 \times 100,000,000) + (6 \times 10,000,000) + (8 \times 1,000,000) + (3 \times 100,000) + (7 \times 10,000) + (3 \times 1000) + (2 \times 100) + (5 \times 10) + (1 \times 1)$
2. $(4 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (1 \times 100,000) + (7 \times 10,000) + (1 \times 100) + (3 \times 10)$
3. $(2 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (9 \times 100,000) + (4 \times 10,000) + (1 \times 1000) + (5 \times 100) + (2 \times 10) + (9 \times 1)$
4. $(2 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (6 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (8 \times 100) + (3 \times 10) + (7 \times 1)$
5. $(9 \times 100,000,000) + (8 \times 10,000,000) + (7 \times 1,000,000) + (3 \times 100,000) + (9 \times 10,000) + (9 \times 1000) + (4 \times 100) + (9 \times 10) + (9 \times 1)$
6. $(3 \times 100,000,000) + (1 \times 1,000,000) + (3 \times 100,000) + (6 \times 10,000) + (9 \times 1000) + (7 \times 100) + (5 \times 10) + (8 \times 1)$
7. $(5 \times 100,000,000) + (5 \times 10,000,000) + (9 \times 1,000,000) + (8 \times 10,000) + (6 \times 1000) + (9 \times 100) + (2 \times 10) + (5 \times 1)$
8. $(8 \times 100,000,000) + (5 \times 10,000,000) + (9 \times 10,000) + (3 \times 100) + (3 \times 10) + (9 \times 1)$
9. $(6 \times 100,000,000) + (7 \times 10,000,000) + (3 \times 100,000) + (4 \times 10,000) + (5 \times 1000) + (9 \times 100) + (6 \times 10) + (9 \times 1)$
10. $(7 \times 100,000,000) + (4 \times 10,000,000) + (4 \times 1,000,000) + (9 \times 100,000) + (2 \times 1000) + (8 \times 100) + (1 \times 10) + (3 \times 1)$

Expanded to Standard Form (I) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(4 \times 100,000,000) + (6 \times 10,000,000) + (8 \times 1,000,000) + (3 \times 100,000) + (7 \times 10,000) + (3 \times 1000) + (2 \times 100) + (5 \times 10) + (1 \times 1)$

468,373,251

2. $(4 \times 100,000,000) + (1 \times 10,000,000) + (6 \times 1,000,000) + (1 \times 100,000) + (7 \times 10,000) + (1 \times 100) + (3 \times 10)$

416,170,130

3. $(2 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (9 \times 100,000) + (4 \times 10,000) + (1 \times 1000) + (5 \times 100) + (2 \times 10) + (9 \times 1)$

258,941,529

4. $(2 \times 100,000,000) + (5 \times 10,000,000) + (8 \times 1,000,000) + (6 \times 100,000) + (2 \times 10,000) + (6 \times 1000) + (8 \times 100) + (3 \times 10) + (7 \times 1)$

258,626,837

5. $(9 \times 100,000,000) + (8 \times 10,000,000) + (7 \times 1,000,000) + (3 \times 100,000) + (9 \times 10,000) + (9 \times 1000) + (4 \times 100) + (9 \times 10) + (9 \times 1)$

987,399,499

6. $(3 \times 100,000,000) + (1 \times 1,000,000) + (3 \times 100,000) + (6 \times 10,000) + (9 \times 1000) + (7 \times 100) + (5 \times 10) + (8 \times 1)$

301,369,758

7. $(5 \times 100,000,000) + (5 \times 10,000,000) + (9 \times 1,000,000) + (8 \times 10,000) + (6 \times 1000) + (9 \times 100) + (2 \times 10) + (5 \times 1)$

559,086,925

8. $(8 \times 100,000,000) + (5 \times 10,000,000) + (9 \times 10,000) + (3 \times 100) + (3 \times 10) + (9 \times 1)$

850,090,339

9. $(6 \times 100,000,000) + (7 \times 10,000,000) + (3 \times 100,000) + (4 \times 10,000) + (5 \times 1000) + (9 \times 100) + (6 \times 10) + (9 \times 1)$

670,345,969

10. $(7 \times 100,000,000) + (4 \times 10,000,000) + (4 \times 1,000,000) + (9 \times 100,000) + (2 \times 1000) + (8 \times 100) + (1 \times 10) + (3 \times 1)$

744,902,813

Expanded to Standard Form (J)

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(2 \times 100,000,000) + (2 \times 10,000,000) + (3 \times 1,000,000) + (8 \times 100,000) + (6 \times 10,000) + (4 \times 1000) + (1 \times 10) + (7 \times 1)$
2. $(2 \times 100,000,000) + (8 \times 10,000,000) + (9 \times 1,000,000) + (9 \times 100,000) + (5 \times 10,000) + (7 \times 1000) + (7 \times 100) + (7 \times 10) + (7 \times 1)$
3. $(1 \times 100,000,000) + (6 \times 10,000,000) + (7 \times 1,000,000) + (7 \times 100,000) + (7 \times 10,000) + (7 \times 1000) + (2 \times 100) + (9 \times 10) + (7 \times 1)$
4. $(8 \times 100,000,000) + (4 \times 10,000,000) + (4 \times 100,000) + (8 \times 10,000) + (5 \times 1000) + (9 \times 100) + (8 \times 10)$
5. $(7 \times 100,000,000) + (2 \times 10,000,000) + (3 \times 1,000,000) + (1 \times 100,000) + (3 \times 10,000) + (7 \times 1000) + (6 \times 100) + (6 \times 10) + (8 \times 1)$
6. $(2 \times 100,000,000) + (3 \times 10,000,000) + (5 \times 10,000) + (1 \times 100) + (1 \times 1)$
7. $(2 \times 100,000,000) + (3 \times 10,000,000) + (4 \times 1,000,000) + (6 \times 100,000) + (5 \times 10,000) + (4 \times 1000) + (2 \times 10) + (2 \times 1)$
8. $(7 \times 100,000,000) + (5 \times 10,000,000) + (7 \times 1,000,000) + (7 \times 100,000) + (8 \times 10,000) + (9 \times 1000) + (4 \times 100) + (6 \times 10) + (2 \times 1)$
9. $(1 \times 100,000,000) + (3 \times 10,000,000) + (9 \times 1,000,000) + (5 \times 100,000) + (5 \times 10,000) + (7 \times 1000) + (2 \times 100) + (9 \times 10) + (1 \times 1)$
10. $(6 \times 100,000,000) + (2 \times 10,000,000) + (5 \times 1,000,000) + (1 \times 100,000) + (7 \times 10,000) + (1 \times 100) + (1 \times 10) + (9 \times 1)$

Expanded to Standard Form (J) Answers

Name: _____

Date: _____

Convert each expanded factors form number to standard form.

1. $(2 \times 100,000,000) + (2 \times 10,000,000) + (3 \times 1,000,000) + (8 \times 100,000) + (6 \times 10,000) + (4 \times 1000) + (1 \times 10) + (7 \times 1)$

223,864,017

2. $(2 \times 100,000,000) + (8 \times 10,000,000) + (9 \times 1,000,000) + (9 \times 100,000) + (5 \times 10,000) + (7 \times 1000) + (7 \times 100) + (7 \times 10) + (7 \times 1)$

289,957,777

3. $(1 \times 100,000,000) + (6 \times 10,000,000) + (7 \times 1,000,000) + (7 \times 100,000) + (7 \times 10,000) + (7 \times 1000) + (2 \times 100) + (9 \times 10) + (7 \times 1)$

167,777,297

4. $(8 \times 100,000,000) + (4 \times 10,000,000) + (4 \times 100,000) + (8 \times 10,000) + (5 \times 1000) + (9 \times 100) + (8 \times 10)$

840,485,980

5. $(7 \times 100,000,000) + (2 \times 10,000,000) + (3 \times 1,000,000) + (1 \times 100,000) + (3 \times 10,000) + (7 \times 1000) + (6 \times 100) + (6 \times 10) + (8 \times 1)$

723,137,668

6. $(2 \times 100,000,000) + (3 \times 10,000,000) + (5 \times 10,000) + (1 \times 100) + (1 \times 1)$

230,050,101

7. $(2 \times 100,000,000) + (3 \times 10,000,000) + (4 \times 1,000,000) + (6 \times 100,000) + (5 \times 10,000) + (4 \times 1000) + (2 \times 10) + (2 \times 1)$

234,654,022

8. $(7 \times 100,000,000) + (5 \times 10,000,000) + (7 \times 1,000,000) + (7 \times 100,000) + (8 \times 10,000) + (9 \times 1000) + (4 \times 100) + (6 \times 10) + (2 \times 1)$

757,789,462

9. $(1 \times 100,000,000) + (3 \times 10,000,000) + (9 \times 1,000,000) + (5 \times 100,000) + (5 \times 10,000) + (7 \times 1000) + (2 \times 100) + (9 \times 10) + (1 \times 1)$

139,557,291

10. $(6 \times 100,000,000) + (2 \times 10,000,000) + (5 \times 1,000,000) + (1 \times 100,000) + (7 \times 10,000) + (1 \times 100) + (1 \times 10) + (9 \times 1)$

625,170,119