Expanded Factors Form (E)

Name: _____ Date: _____

Convert each standard form number to expanded factors form.

1. 46,162,474

2. 54,506,862

3. 34,271,154

4. 17,127,927

5. 89,606,901

6. 55,162,092

7. 79,752,394

8. 49,251,191

9. 20,791,196

10. 44,442,938

Expanded Factors Form (E) Answers

Name: _____ Date: _____

Convert each standard form number to expanded factors form.

1. 46,162,474

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

2. 54,506,862

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

3. 34,271,154

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

4. 17,127,927

   $(1 \times 10{,}000{,}000) + (7 \times 1{,}000{,}000) + (1 \times 100{,}000) + (2 \times 10{,}000) + (7 \times 1000) + (9 \times 100) + (2 \times 10) + (7 \times 1)$

5. 89,606,901

   $(8 \times 10{,}000{,}000) + (9 \times 1{,}000{,}000) + (6 \times 100{,}000) + (6 \times 1000) + (9 \times 100) + (1 \times 1)$

6. 55,162,092

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

7. 79,752,394

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

8. 49,251,191

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

9. 20,791,196

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

10. 44,442,938

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