

Expanded Form With Decimals (A)

Name: _____

Date: _____

Convert each standard form decimal number to expanded form using fractions.

1. 6.9133853
2. 1.5825442
3. 6.3158994
4. 4.3672312
5. 5.2356896
6. 2.8226869
7. 3.0088521
8. 1.9790832
9. 5.0414736
10. 3.1274928

Expanded Form With Decimals (A) Answers

Name: _____

Date: _____

Convert each standard form decimal number to expanded form using fractions.

1. 6.9133853

$$6 + \frac{9}{10} + \frac{1}{100} + \frac{3}{1000} + \frac{3}{10,000} + \frac{8}{100,000} + \frac{5}{1,000,000} + \frac{3}{10,000,000}$$

2. 1.5825442

$$1 + \frac{5}{10} + \frac{8}{100} + \frac{2}{1000} + \frac{5}{10,000} + \frac{4}{100,000} + \frac{4}{1,000,000} + \frac{2}{10,000,000}$$

3. 6.3158994

$$6 + \frac{3}{10} + \frac{1}{100} + \frac{5}{1000} + \frac{8}{10,000} + \frac{9}{100,000} + \frac{9}{1,000,000} + \frac{4}{10,000,000}$$

4. 4.3672312

$$4 + \frac{3}{10} + \frac{6}{100} + \frac{7}{1000} + \frac{2}{10,000} + \frac{3}{100,000} + \frac{1}{1,000,000} + \frac{2}{10,000,000}$$

5. 5.2356896

$$5 + \frac{2}{10} + \frac{3}{100} + \frac{5}{1000} + \frac{6}{10,000} + \frac{8}{100,000} + \frac{9}{1,000,000} + \frac{6}{10,000,000}$$

6. 2.8226869

$$2 + \frac{8}{10} + \frac{2}{100} + \frac{2}{1000} + \frac{6}{10,000} + \frac{8}{100,000} + \frac{6}{1,000,000} + \frac{9}{10,000,000}$$

7. 3.0088521

$$3 + \frac{8}{1000} + \frac{8}{10,000} + \frac{5}{100,000} + \frac{2}{1,000,000} + \frac{1}{10,000,000}$$

8. 1.9790832

$$1 + \frac{9}{10} + \frac{7}{100} + \frac{9}{1000} + \frac{8}{100,000} + \frac{3}{1,000,000} + \frac{2}{10,000,000}$$

9. 5.0414736

$$5 + \frac{4}{100} + \frac{1}{1000} + \frac{4}{10,000} + \frac{7}{100,000} + \frac{3}{1,000,000} + \frac{6}{10,000,000}$$

10. 3.1274928

$$3 + \frac{1}{10} + \frac{2}{100} + \frac{7}{1000} + \frac{4}{10,000} + \frac{9}{100,000} + \frac{2}{1,000,000} + \frac{8}{10,000,000}$$