



Mixed rounding: round numbers to the underlined digit

Grade 5 Rounding Worksheet

Example: 54,689 rounded to the nearest 1,000 is 55,000

Round to the accuracy of the underlined digit.

1. 4,790 = _____ 2. 8,210 = _____ 3. 1,233 = _____

4. 88,718 = _____ 5. 9,236 = _____ 6. 63,500 = _____

7. 37,627 = _____ 8. 7,057 = _____ 9. 5,954 = _____

10. 42,004 = _____ 11. 56,823 = _____ 12. 64,197 = _____

Multiply in columns - 2 digit by 3 digit

Find the product.

1.
$$\begin{array}{r} 257 \\ \times 50 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 642 \\ \times 50 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 517 \\ \times 82 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 690 \\ \times 52 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 942 \\ \times 17 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 511 \\ \times 98 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 748 \\ \times 50 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 575 \\ \times 50 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 902 \\ \times 78 \\ \hline \end{array}$$

Order of operations

Grade 5 Order of Operations Worksheet

Solve the following.

1) $(20 + 12) \div 4 =$ _____

2) $50 + 6 \times (11 - 4) =$ _____

3) $50 + 6 \times 11 - 4 =$ _____

4) $9 \times (12 - 8) + 28 \div 7 =$ _____

5) $18 - (21 - 5) \div (22 - 18) =$ _____

6) $7 \times 2 - (9 + 2) + 14 =$ _____

7) $(6 \div 3 + 5) \times (11 - 4) =$ _____

8) $9 \times 3 + (20 - 18) \times 4 - 8 =$ _____

9) $(37 - 17) \times (240 \div 20) - 22 \times 4 =$ _____

10) $11 \times 4 - (6 + 3 + 13) \div 2 =$ _____



Adding/Subtracting decimals

Grade 5 Decimals Worksheet

Find the sum.

- $1.08 + 1.67 =$ _____
- $1.12 + 1.85 =$ _____
- $0.195 + 1.06 =$ _____
- $0.37 + 0.45 =$ _____
- $0.46 + 0.168 =$ _____
- $0.096 + 0.14 =$ _____
- $0.134 + 0.193 =$ _____
- $1.82 + 0.013 =$ _____
- $0.023 + 1.65 =$ _____
- $1.53 + 1.76 =$ _____

Find the difference.

- | | | |
|--|---|---|
| 1. $\begin{array}{r} 0.865 \\ - 0.494 \\ \hline \end{array}$ | 2. $\begin{array}{r} 7.55 \\ - 5.70 \\ \hline \end{array}$ | 3. $\begin{array}{r} 0.975 \\ - 0.742 \\ \hline \end{array}$ |
| 4. $\begin{array}{r} 8.41 \\ - 0.20 \\ \hline \end{array}$ | 5. $\begin{array}{r} 0.899 \\ - 0.110 \\ \hline \end{array}$ | 6. $\begin{array}{r} 0.856 \\ - 0.585 \\ \hline \end{array}$ |
| 7. $\begin{array}{r} 2.07 \\ - 1.22 \\ \hline \end{array}$ | 8. $\begin{array}{r} 0.996 \\ - 0.973 \\ \hline \end{array}$ | 9. $\begin{array}{r} 0.825 \\ - 0.062 \\ \hline \end{array}$ |
| 10. $\begin{array}{r} 5.26 \\ - 3.04 \\ \hline \end{array}$ | 11. $\begin{array}{r} 0.737 \\ - 0.285 \\ \hline \end{array}$ | 12. $\begin{array}{r} 0.350 \\ - 0.028 \\ \hline \end{array}$ |



Multiplying decimals in columns

Grade 5 Decimals Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 76.2 \\ \times 0.41 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4.29 \\ \times 7.3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 34.4 \\ \times 0.02 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4.56 \\ \times 5.6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6.86 \\ \times 6.9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 94.2 \\ \times 0.53 \\ \hline \\ \hline \end{array}$$



Dividing 2-digit decimals by whole numbers

Grade 5 Decimals Worksheet

Find the quotient:

1) $1.6 \div 2 =$ _____

2) $0.2 \div 2 =$ _____

3) $\div 2 =$ _____

4) $0.6 \div 6 =$ _____

5) $0.8 \div 8 =$ _____

6) $0.5 \div 5 =$ _____

7) $0.8 \div 2 =$ _____

8) $0.9 \div 9 =$ _____

9) $0.38 \div 2 =$ _____

10) $0.84 \div 7 =$ _____



Simplifying Fractions

Grade 5 Fractions Worksheet

Simplify the fractions.

1. $\frac{6}{30} =$ _____

2. $\frac{5}{10} =$ _____

3. $\frac{4}{40} =$ _____

4. $\frac{24}{30} =$ _____

5. $\frac{6}{8} =$ _____

6. $\frac{8}{12} =$ _____

7. $\frac{12}{24} =$ _____

8. $\frac{99}{108} =$ _____

9. $\frac{4}{8} =$ _____

10. $\frac{18}{90} =$ _____

Multiplying fractions by whole numbers

Multiply.

1. $1 \times \frac{1}{6} =$ _____

2. $9 \times \frac{7}{10} =$ _____

3. $7 \times \frac{4}{8} =$ _____

4. $\frac{1}{2}$ of 2 = _____

5. $\frac{1}{12}$ of 1 = _____

6. $\frac{2}{6}$ of 2 = _____

7. $\frac{1}{3}$ of 5 = _____

8. $\frac{3}{10}$ of 8 = _____

9. $\frac{1}{5}$ of 5 = _____

10. $\frac{2}{4}$ of 9 = _____



Adding unlike fractions

Grade 5 Fractions Worksheet

Find the sum.

1. $\frac{1}{2} + \frac{2}{3} =$ _____

2. $\frac{8}{12} + \frac{8}{11} =$ _____

3. $\frac{2}{7} + \frac{6}{10} =$ _____

4. $\frac{1}{6} + \frac{6}{11} =$ _____

5. $\frac{5}{9} + \frac{1}{2} =$ _____

6. $\frac{9}{12} + \frac{2}{12} =$ _____

7. $\frac{2}{7} + \frac{1}{4} =$ _____

8. $\frac{1}{4} + \frac{6}{8} =$ _____



Convert improper fractions to mixed numbers

Grade 5 Fractions Worksheet

Convert.

1. $\frac{113}{12} =$ _____

2. $\frac{19}{2} =$ _____

3. $\frac{36}{10} =$ _____

4. $\frac{75}{12} =$ _____

5. $\frac{50}{8} =$ _____

6. $\frac{52}{10} =$ _____

7. $\frac{13}{3} =$ _____

8. $\frac{39}{4} =$ _____

9. $\frac{68}{10} =$ _____

10. $\frac{27}{5} =$ _____

11. $\frac{53}{8} =$ _____

12. $\frac{72}{10} =$ _____

Convert mixed numbers to improper fractions

Grade 5 Fractions Worksheet

Convert.

1. $7\frac{3}{5} =$ _____

2. $6\frac{5}{8} =$ _____

3. $9\frac{2}{10} =$ _____

4. $2\frac{2}{4} =$ _____

5. $6\frac{1}{9} =$ _____

6. $5\frac{5}{7} =$ _____

7. $3\frac{1}{8} =$ _____

8. $3\frac{3}{12} =$ _____

9. $6\frac{1}{11} =$ _____

10. $4\frac{3}{4} =$ _____

11. $8\frac{9}{12} =$ _____

12. $9\frac{2}{8} =$ _____



Multiplying mixed numbers

Grade 5 Fractions Worksheet

Find the product.

1. $1\frac{2}{4} \times 3\frac{5}{6} =$ _____

2. $1\frac{1}{6} \times 2\frac{6}{12} =$ _____

3. $2\frac{1}{2} \times 3\frac{4}{5} =$ _____

4. $3\frac{1}{3} \times 1\frac{4}{10} =$ _____

5. $3\frac{3}{4} \times 3\frac{2}{9} =$ _____

6. $3\frac{5}{6} \times 2\frac{1}{2} =$ _____

7. $1\frac{1}{2} \times 3\frac{1}{2} =$ _____

8. $1\frac{8}{12} \times 3\frac{2}{10} =$ _____



Dividing mixed numbers by fractions (common denominators)

Grade 5 Fractions Worksheet

Find the quotient.

1. $6 \frac{8}{12} \div \frac{1}{12} =$ _____

2. $1 \frac{6}{8} \div \frac{2}{8} =$ _____

3. $9 \frac{1}{2} \div \frac{1}{2} =$ _____

4. $9 \frac{6}{10} \div \frac{4}{10} =$ _____

5. $4 \frac{5}{10} \div \frac{6}{10} =$ _____

6. $7 \frac{5}{6} \div \frac{5}{6} =$ _____

7. $5 \frac{2}{4} \div \frac{1}{4} =$ _____

8. $9 \frac{4}{8} \div \frac{6}{8} =$ _____

9. $6 \frac{7}{12} \div \frac{4}{12} =$ _____

10. $6 \frac{1}{2} \div \frac{1}{2} =$ _____



Subtracting mixed numbers (unlike denominators)

Grade 5 Fractions Worksheet

Find the difference.

1. $16\frac{3}{9} - 10\frac{2}{5} =$ _____

2. $7\frac{5}{12} - 2\frac{1}{2} =$ _____

3. $8\frac{9}{10} - 3\frac{2}{3} =$ _____

4. $19\frac{2}{3} - 11\frac{5}{8} =$ _____

5. $13\frac{1}{8} - 12\frac{10}{12} =$ _____

6. $18\frac{1}{2} - 17\frac{2}{8} =$ _____

7. $14\frac{4}{10} - 13\frac{1}{3} =$ _____

8. $19\frac{7}{12} - 19\frac{1}{5} =$ _____

Fraction mixed operations word problems

Grade 5 Word Problems Worksheet

1. Ellen planned to interview some applicants for a position in her office. If she scheduled $\frac{1}{4}$ of an hour to meet each of them, how much time did she schedule for all 6 applicants?

2. Instead of $\frac{1}{4}$ of an hour, Ellen spent $\frac{1}{3}$ of an hour to meet each applicant. How much more time did she spend meeting all the applicants?

3. After the interview, Ellen decided to hire two of the applicants and reject the others. Ellen's assistant called back the applicants to tell them the result. She spent $\frac{1}{30}$ of an hour calling each of the rejected applicants and $\frac{1}{3}$ of an hour calling the hired applicants. How much time did the assistant spend making these calls?



Rising 6th Grade Summer Math
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Worksheet 12



4. Ethan is printing some materials for a meeting. If the printing of the first copy costs $1\frac{1}{2}$ dollars and other copies cost $\frac{4}{5}$ of a dollar each to print, how much will it cost if he is making 13 copies?

5. Ethan decides to type up some documents while waiting for the meeting to start. He can type 2 pages every $\frac{1}{8}$ hour. If the meeting started $\frac{3}{4}$ hour later than the scheduled time, how many pages can he type before the meeting starts?

6. Ethan is responsible to write the minutes for the meeting. During the meeting, he finished writing $\frac{1}{6}$ of the minutes. Before getting off work, he finished another $\frac{3}{8}$ of the minutes. How much of the minutes does Ethan still need to work on?