Тема 1А: Број и решавање на проблеми

Подготвителни задачи

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Order of Operations with Decimals (A)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$1.6 \times (1.7 + 2.5)$

$5.9 - (1.4)^2$

$7.5 + (7.2)^2$

$9.4 \times (5.4 - 1.8)$

$6.2 + (6.4)^2$

$5.5 \div (2.5)^2$

$6.6 \times 4.3 + 7.6$

$(4.8)^2 - 2.5$

$(3.75 + 7.8) \times 4.8$

$1.4 + (7.8)^2$

Order of Operations with Decimals (A) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$1.6 \times (1.7 + 2.5)$
$= 1.6 \times 4.2$
$= 6.72$

$5.9 - (1.4)^2$
$= 5.9 - 1.96$
$= 3.94$

$7.5 + (7.2)^2$
$= 7.5 + 51.84$
$= 59.34$

$9.4 \times (5.4 - 1.8)$
$= 9.4 \times 3.6$
$= 33.84$

$6.2 + (6.4)^2$
$= 6.2 + 40.96$
$= 47.16$

$5.5 \div (2.5)^2$
$= 5.5 \div 6.25$
$= 0.88$

$6.6 \times 4.3 + 7.6$
$= 28.38 + 7.6$
$= 35.98$

$(4.8)^2 - 2.5$
$= 23.04 - 2.5$
$= 20.54$

$(3.75 + 7.8) \times 4.8$
$= 11.55 \times 4.8$
$= 55.44$

$1.4 + (7.8)^2$
$= 1.4 + 60.84$
$= 62.24$

Order of Operations with Decimals (A)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(5.9 - 5.3) \times 7.2 + (1.4)^2$

$\left((2.1)^2 + 5.2 - 7.2\right) \times 7.1$

$8.5 \times \left((1.6)^2 + 2.4 - 2.1\right)$

$(7.9)^2 + 4.2 \times (6.5 - 5.7)$

$(7.3)^2 + 9.1 \div (8.7 - 6.1)$

$(3.2)^2 \times (1.6 - 1.4 + 8.3)$

$(5.2 + 6.6 - 9.3)^2 \times 3.8$

$3.8 \times \left(9.5 + (2.5)^2 - 2.4\right)$

Order of Operations with Decimals (A) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$(5.9 - 5.3) \times 7.2 + (1.4)^2$
$= 0.6 \times 7.2 + (1.4)^2$
$= 0.6 \times 7.2 + 1.96$
$= 4.32 + 1.96$
$= 6.28$

$\left((2.1)^2 + 5.2 - 7.2\right) \times 7.1$
$= (4.41 + 5.2 - 7.2) \times 7.1$
$= (9.61 - 7.2) \times 7.1$
$= 2.41 \times 7.1$
$= 17.111$

$8.5 \times \left((1.6)^2 + 2.4 - 2.1\right)$
$= 8.5 \times (2.56 + 2.4 - 2.1)$
$= 8.5 \times (4.96 - 2.1)$
$= 8.5 \times 2.86$
$= 24.31$

$(7.9)^2 + 4.2 \times (6.5 - 5.7)$
$= (7.9)^2 + 4.2 \times 0.8$
$= 62.41 + 4.2 \times 0.8$
$= 62.41 + 3.36$
$= 65.77$

$(7.3)^2 + 9.1 \div (8.7 - 6.1)$
$= (7.3)^2 + 9.1 \div 2.6$
$= 53.29 + 9.1 \div 2.6$
$= 53.29 + 3.5$
$= 56.79$

$(3.2)^2 \times (1.6 - 1.4 + 8.3)$
$= (3.2)^2 \times (0.2 + 8.3)$
$= (3.2)^2 \times 8.5$
$= 10.24 \times 8.5$
$= 87.04$

$(5.2 + 6.6 - 9.3)^2 \times 3.8$
$= (11.8 - 9.3)^2 \times 3.8$
$= (2.5)^2 \times 3.8$
$= 6.25 \times 3.8$
$= 23.75$

$3.8 \times \left(9.5 + (2.5)^2 - 2.4\right)$
$= 3.8 \times (9.5 + 6.25 - 2.4)$
$= 3.8 \times (15.75 - 2.4)$
$= 3.8 \times 13.35$
$= 50.73$

Order of Operations with Decimals (B)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\left((1.5)^2 \times 6.6\right) \div \left(9.8 + 8.6 - (3.8)^2\right)$

$\left((3.1)^2 - 3.4 + (6.3)^2\right) \times (2.4 \div 1.6)$

$\left(9.8 \div (1.4)^2\right) \times 3.5 - 3.1 + 2.7 \times 1.6$

$(8.4 \div 1.2) \times 6.7 + 1.1 - (4.1)^2 - 3.9$

$\left((4.8)^2 \div 3.6\right) \times 1.25 + 3.3 - 7.2 + 1.9$

$6.1 \times \left((1.9 + 2.2 - 4.1) \div (1.6)^2\right)^3$

Order of Operations with Decimals (B) Answers

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\left(\underline{(1.5)^2} \times 6.6\right) \div \left(9.8 + 8.6 - (3.8)^2\right)$
$= (\underline{2.25 \times 6.6}) \div \left(9.8 + 8.6 - (3.8)^2\right)$
$= 14.85 \div \left(9.8 + 8.6 - \underline{(3.8)^2}\right)$
$= 14.85 \div (\underline{9.8 + 8.6} - 14.44)$
$= 14.85 \div (\underline{18.4 - 14.44})$
$= \underline{14.85 \div 3.96}$
$= 3.75$

$\left(\underline{(3.1)^2} - 3.4 + (6.3)^2\right) \times (2.4 \div 1.6)$
$= \left(9.61 - 3.4 + \underline{(6.3)^2}\right) \times (2.4 \div 1.6)$
$= (\underline{9.61 - 3.4} + 39.69) \times (2.4 \div 1.6)$
$= (\underline{6.21 + 39.69}) \times (2.4 \div 1.6)$
$= 45.9 \times (\underline{2.4 \div 1.6})$
$= \underline{45.9 \times 1.5}$
$= 68.85$

$\left(9.8 \div \underline{(1.4)^2}\right) \times 3.5 - 3.1 + 2.7 \times 1.6$
$= (\underline{9.8 \div 1.96}) \times 3.5 - 3.1 + 2.7 \times 1.6$
$= \underline{5 \times 3.5} - 3.1 + 2.7 \times 1.6$
$= 17.5 - 3.1 + \underline{2.7 \times 1.6}$
$= \underline{17.5 - 3.1} + 4.32$
$= \underline{14.4 + 4.32}$
$= 18.72$

$(\underline{8.4 \div 1.2}) \times 6.7 + 1.1 - (4.1)^2 - 3.9$
$= 7 \times 6.7 + 1.1 - \underline{(4.1)^2} - 3.9$
$= \underline{7 \times 6.7} + 1.1 - 16.81 - 3.9$
$= \underline{46.9 + 1.1} - 16.81 - 3.9$
$= \underline{48 - 16.81} - 3.9$
$= \underline{31.19 - 3.9}$
$= 27.29$

$\left(\underline{(4.8)^2} \div 3.6\right) \times 1.25 + 3.3 - 7.2 + 1.9$
$= (\underline{23.04 \div 3.6}) \times 1.25 + 3.3 - 7.2 + 1.9$
$= \underline{6.4 \times 1.25} + 3.3 - 7.2 + 1.9$
$= \underline{8 + 3.3} - 7.2 + 1.9$
$= \underline{11.3 - 7.2} + 1.9$
$= \underline{4.1 + 1.9}$
$= 6$

$6.1 \times \left((\underline{1.9 + 2.2} - 4.1) \div (1.6)^2\right)^3$
$= 6.1 \times \left(\underline{(4.1 - 4.1)} \div (1.6)^2\right)^3$
$= 6.1 \times \left(0 \div \underline{(1.6)^2}\right)^3$
$= 6.1 \times (\underline{0 \div 2.56})^3$
$= 6.1 \times \underline{0^3}$
$= \underline{6.1 \times 0}$
$= 0$

$3.9\times0.5+4\frac{5}{6}\div3\frac{3}{7}$

$\left(\frac{5}{3}\times4\frac{5}{6}\right)\div1.75+\frac{5}{3}$

$\left(9+\frac{1}{6}\right)\div\left(1.7+2\frac{3}{4}\right)$

$2\times\left(3\frac{6}{7}-2.3\right)\div5\frac{2}{9}$

$5.2+2.1\div\left(4.5-4\frac{1}{7}\right)$

$\left(0.75\times1\frac{4}{9}\right)\div\left(4\frac{1}{6}+1.75\right)$

$\left(\frac{3}{2}\right)^2-1+6$

$0.8\div\left(1.5+\frac{2}{3}\right)^2$

$\frac{2}{9}\left(10\frac{1}{6}-3\frac{3}{7}-1\right)$

$\left(7\times\frac{10}{7}\right)\div1.2+1\frac{3}{4}$

$3.9\times0.5+4\frac{5}{6}\div3\frac{3}{7}=\frac{2419}{720}$

$\left(\frac{5}{3}\times4\frac{5}{6}\right)\div1.75+\frac{5}{3}=\frac{395}{63}$

$\left(9+\frac{1}{6}\right)\div\left(1.7+2\frac{3}{4}\right)=\frac{550}{267}$

$2\times\left(3\frac{6}{7}-2.3\right)\div5\frac{2}{9}=\frac{981}{1645}$

$5.2+2.1\div\left(4.5-4\frac{1}{7}\right)=\frac{277}{25}$

$\left(0.75\times1\frac{4}{9}\right)\div\left(4\frac{1}{6}+1.75\right)=\frac{13}{71}$

$\left(\frac{3}{2}\right)^2-1+6=\frac{29}{4}$

$0.8\div\left(1.5+\frac{2}{3}\right)^2=\frac{144}{845}$

$\frac{2}{9}\left(10\frac{1}{6}-3\frac{3}{7}-1\right)=\frac{241}{189}$

$\left(7\times\frac{10}{7}\right)\div1.2+1\frac{3}{4}=\frac{121}{12}$

Multiplying and Dividing Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{1}{2} \times \frac{5}{4}$

2. $\frac{1}{6} \div \frac{8}{11}$

3. $\frac{1}{3} \div \frac{13}{9}$

4. $\frac{13}{4} \div \frac{1}{2}$

5. $\frac{17}{6} \div \frac{3}{5}$

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

7. $\frac{11}{2} \div \frac{1}{2}$

8. $\frac{4}{3} \div \frac{11}{12}$

9. $\frac{1}{3} \times \frac{20}{9}$

10. $\frac{13}{7} \times \frac{14}{11}$

11. $\frac{10}{3} \times \frac{11}{6}$

12. $\frac{1}{2} \div \frac{1}{2}$

13. $\frac{14}{9} \times \frac{7}{10}$

14. $\frac{15}{8} \times \frac{7}{6}$

15. $\frac{3}{2} \div \frac{4}{9}$

Multiplying and Dividing Fractions (A) Answers

Find the value of each expression in lowest terms.

1. $\frac{1}{2} \times \frac{5}{4}$
$= \frac{5}{8}$

2. $\frac{1}{6} \div \frac{8}{11}$
$= \frac{11}{48}$

3. $\frac{1}{3} \div \frac{13}{9}$
$= \frac{3}{13}$

4. $\frac{13}{4} \div \frac{1}{2}$
$= \frac{13}{2} = 6\frac{1}{2}$

5. $\frac{17}{6} \div \frac{3}{5}$
$= \frac{85}{18} = 4\frac{13}{18}$

6. $\frac{1}{4} \times \frac{5}{3}$
$= \frac{5}{12}$

7. $\frac{11}{2} \div \frac{1}{2}$
$= 11$

8. $\frac{4}{3} \div \frac{11}{12}$
$= \frac{16}{11} = 1\frac{5}{11}$

9. $\frac{1}{3} \times \frac{20}{9}$
$= \frac{20}{27}$

10. $\frac{13}{7} \times \frac{14}{11}$
$= \frac{26}{11} = 2\frac{4}{11}$

11. $\frac{10}{3} \times \frac{11}{6}$
$= \frac{55}{9} = 6\frac{1}{9}$

12. $\frac{1}{2} \div \frac{1}{2}$
$= 1$

13. $\frac{14}{9} \times \frac{7}{10}$
$= \frac{49}{45} = 1\frac{4}{45}$

14. $\frac{15}{8} \times \frac{7}{6}$
$= \frac{35}{16} = 2\frac{3}{16}$

15. $\frac{3}{2} \div \frac{4}{9}$
$= \frac{27}{8} = 3\frac{3}{8}$

Adding and Subtracting Mixed Fractions (A)

Find the value of each expression in lowest terms.

1. $2\frac{1}{5} + 1\frac{3}{4}$

2. $3\frac{1}{2} - 2\frac{2}{3}$

3. $3\frac{1}{2} - 3\frac{1}{2}$

4. $5\frac{3}{4} - 5\frac{1}{4}$

5. $1\frac{1}{2} + 2\frac{3}{5}$

6. $3\frac{1}{2} - 2\frac{5}{9}$

7. $2\frac{3}{4} + 1\frac{1}{5}$

8. $3\frac{1}{4} - 2\frac{3}{8}$

9. $3\frac{1}{2} - 1\frac{1}{2}$

10. $5\frac{1}{2} + 5\frac{1}{4}$

11. $1\frac{10}{11} - 1\frac{1}{3}$

12. $1\frac{5}{12} + 3\frac{1}{3}$

Adding and Subtracting Mixed Fractions (A) Answers

Find the value of each expression in lowest terms.

1. $2\frac{1}{5} + 1\frac{3}{4}$
$= \frac{79}{20} = 3\frac{19}{20}$

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

3. $3\frac{1}{2} - 3\frac{1}{2}$
$= 0$

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

5. $1\frac{1}{2} + 2\frac{3}{5}$
$= \frac{41}{10} = 4\frac{1}{10}$

6. $3\frac{1}{2} - 2\frac{5}{9}$
$= \frac{17}{18}$

7. $2\frac{3}{4} + 1\frac{1}{5}$
$= \frac{79}{20} = 3\frac{19}{20}$

8. $3\frac{1}{4} - 2\frac{3}{8}$
$= \frac{7}{8}$

9. $3\frac{1}{2} - 1\frac{1}{2}$
$= 2$

10. $5\frac{1}{2} + 5\frac{1}{4}$
$= \frac{43}{4} = 10\frac{3}{4}$

11. $1\frac{10}{11} - 1\frac{1}{3}$
$= \frac{19}{33}$

12. $1\frac{5}{12} + 3\frac{1}{3}$
$= \frac{19}{4} = 4\frac{3}{4}$

Order of Operations with Fractions (F)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\frac{3}{4} \times \frac{7}{8} - \left(\frac{3}{8}\right)^2$

$\left(\frac{2}{3} + \frac{7}{8}\right) \times \left(\frac{1}{2}\right)^2$

$\frac{8}{9} + \frac{2}{5} \times \left(\frac{2}{3}\right)^2$

$\frac{1}{3} \times \left(\frac{5}{6} + \frac{1}{2}\right)^2$

$\left(\frac{2}{5} + \frac{4}{5}\right)^2 \div \frac{8}{9}$

$\frac{5}{6} - \frac{1}{5} \div \left(\frac{3}{4}\right)^2$

$\frac{7}{9} \times \left(\frac{3}{8} + \frac{1}{8}\right)^2$

$\frac{3}{4} \times \left(\frac{4}{5} - \left(\frac{3}{5}\right)^2\right)$

$\left(\frac{1}{2}\right)^2 \div \left(\frac{8}{9} - \frac{2}{9}\right)$

Order of Operations with Fractions (F)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\frac{3}{4} \times \frac{7}{8} - \left(\frac{3}{8}\right)^2$

$= \frac{3}{4} \times \frac{7}{8} - \frac{9}{64}$

$= \frac{21}{32} - \frac{9}{64}$

$= \frac{33}{64}$

$\left(\frac{2}{3} + \frac{7}{8}\right) \times \left(\frac{1}{2}\right)^2$

$= \frac{37}{24} \times \left(\frac{1}{2}\right)^2$

$= \frac{37}{24} \times \frac{1}{4}$

$= \frac{37}{96}$

$\frac{8}{9} + \frac{2}{5} \times \left(\frac{2}{3}\right)^2$

$= \frac{8}{9} + \frac{2}{5} \times \frac{4}{9}$

$= \frac{8}{9} + \frac{8}{45}$

$= \frac{16}{15}$

$= 1\frac{1}{15}$

$\frac{1}{3} \times \left(\frac{5}{6} + \frac{1}{2}\right)^2$

$= \frac{1}{3} \times \left(\frac{4}{3}\right)^2$

$= \frac{1}{3} \times \frac{16}{9}$

$= \frac{16}{27}$

$\left(\frac{2}{5} + \frac{4}{5}\right)^2 \div \frac{8}{9}$

$= \left(\frac{6}{5}\right)^2 \div \frac{8}{9}$

$= \frac{36}{25} \div \frac{8}{9}$

$= \frac{81}{50}$

$= 1\frac{31}{50}$

$\frac{5}{6} - \frac{1}{5} \div \left(\frac{3}{4}\right)^2$

$= \frac{5}{6} - \frac{1}{5} \div \frac{9}{16}$

$= \frac{5}{6} - \frac{16}{45}$

$= \frac{43}{90}$

$\frac{7}{9} \times \left(\frac{3}{8} + \frac{1}{8}\right)^2$

$= \frac{7}{9} \times \left(\frac{1}{2}\right)^2$

$= \frac{7}{9} \times \frac{1}{4}$

$= \frac{7}{36}$

$\frac{3}{4} \times \left(\frac{4}{5} - \left(\frac{3}{5}\right)^2\right)$

$= \frac{3}{4} \times \left(\frac{4}{5} - \frac{9}{25}\right)$

$= \frac{3}{4} \times \frac{11}{25}$

$= \frac{33}{100}$

$\left(\frac{1}{2}\right)^2 \div \left(\frac{8}{9} - \frac{2}{9}\right)$

$= \left(\frac{1}{2}\right)^2 \div \frac{2}{3}$

$= \frac{1}{4} \div \frac{2}{3}$

$= \frac{3}{8}$

Order of Operations with Fractions (E)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\left(\left(\frac{1}{4}\right)^2 \times \frac{3}{4}\right) \div \left(-\frac{1}{4}\right) - \left(-\frac{2}{5}\right)$

$\left(-\frac{4}{9}\right) \times \left(\left(\frac{3}{8}\right)^2 + \frac{3}{4}\right) \div \left(-\frac{1}{8}\right)$

$\left(-\frac{2}{9}\right) \div \left(\frac{7}{8} + \left(-\frac{2}{3}\right) - \left(\frac{1}{2}\right)^2\right)$

$\left(\left(\frac{3}{8} + \frac{5}{8}\right) \times \frac{1}{8}\right) \div \left(-\frac{2}{5}\right)^2$

Order of Operations with Fractions (E)

Name: _____ Date: _____

Solve each expression using the correct order of operations.

$\left(\left(\frac{1}{4}\right)^2 \times \frac{3}{4}\right) \div \left(-\frac{1}{4}\right) - \left(-\frac{2}{5}\right)$

$= \left(\frac{1}{16} \times \frac{3}{4}\right) \div \left(-\frac{1}{4}\right) - \left(-\frac{2}{5}\right)$

$= \frac{3}{64} \div \left(-\frac{1}{4}\right) - \left(-\frac{2}{5}\right)$

$= \left(-\frac{3}{16}\right) - \left(-\frac{2}{5}\right)$

$= \frac{17}{80}$

$\left(-\frac{4}{9}\right) \times \left(\left(\frac{3}{8}\right)^2 + \frac{3}{4}\right) \div \left(-\frac{1}{8}\right)$

$= \left(-\frac{4}{9}\right) \times \left(\frac{9}{64} + \frac{3}{4}\right) \div \left(-\frac{1}{8}\right)$

$= \left(-\frac{4}{9}\right) \times \frac{57}{64} \div \left(-\frac{1}{8}\right)$

$= \left(-\frac{19}{48}\right) \div \left(-\frac{1}{8}\right)$

$= \frac{19}{6}$

$= 3\frac{1}{6}$

$\left(-\frac{2}{9}\right) \div \left(\frac{7}{8} + \left(-\frac{2}{3}\right) - \left(\frac{1}{2}\right)^2\right)$

$= \left(-\frac{2}{9}\right) \div \left(\frac{7}{8} + \left(-\frac{2}{3}\right) - \frac{1}{4}\right)$

$= \left(-\frac{2}{9}\right) \div \left(\frac{5}{24} - \frac{1}{4}\right)$

$= \left(-\frac{2}{9}\right) \div \left(-\frac{1}{24}\right)$

$= \frac{16}{3}$

$= 5\frac{1}{3}$

$\left(\left(\frac{3}{8} + \frac{5}{8}\right) \times \frac{1}{8}\right) \div \left(-\frac{2}{5}\right)^2$

$= \left(1 \times \frac{1}{8}\right) \div \left(-\frac{2}{5}\right)^2$

$= \frac{1}{8} \div \left(-\frac{2}{5}\right)^2$

$= \frac{1}{8} \div \frac{4}{25}$

$= \frac{25}{32}$

Converting Fractions (B)

Fill in the missing values. Use part-to-whole ratios.

	Fraction	Decimal	Percent
1.	$\frac{11}{12}$		
2.	$\frac{2}{9}$		
3.	$\frac{2}{5}$		
4.	$\frac{1}{4}$		
5.	$\frac{7}{10}$		
6.	$\frac{9}{10}$		
7.	$\frac{1}{8}$		
8.	$\frac{5}{9}$		
9.	$\frac{5}{6}$		
10.	$\frac{1}{3}$		

Converting Fractions (B) Answers

Fill in the missing values. Use part-to-whole ratios.

	Fraction	Decimal	Percent
1.	$\frac{11}{12}$	$0.91\overline{6}$	$91.\overline{6}\%$
2.	$\frac{2}{9}$	$0.\overline{2}$	$22.\overline{2}\%$
3.	$\frac{2}{5}$	0.4	40%
4.	$\frac{1}{4}$	0.25	25%
5.	$\frac{7}{10}$	0.7	70%
6.	$\frac{9}{10}$	0.9	90%
7.	$\frac{1}{8}$	0.125	12.5%
8.	$\frac{5}{9}$	$0.\overline{5}$	$55.\overline{5}\%$
9.	$\frac{5}{6}$	$0.8\overline{3}$	$83.\overline{3}\%$
10.	$\frac{1}{3}$	$0.\overline{3}$	$33.\overline{3}\%$

Percent Calculations (A)

Calculate the percent or value requested.

1. What percent of $150 is $87?
2. What percent of $425 is $153?
3. What percent of $50 is $4?
4. What percent of $625 is $525?
5. What percent of $225 is $9?
6. What percent of $900 is $738?
7. What percent of $225 is $144?
8. What percent of $600 is $66?
9. What percent of $440 is $132?
10. What percent of $936 is $234?

Percent Calculations (A) Answers

Calculate the percent or value requested.

1. What percent of $150 is $87?

58%

2. What percent of $425 is $153?

36%

3. What percent of $50 is $4?

8%

4. What percent of $625 is $525?

84%

5. What percent of $225 is $9?

4%

6. What percent of $900 is $738?

82%

7. What percent of $225 is $144?

64%

8. What percent of $600 is $66?

11%

9. What percent of $440 is $132?

30%

10. What percent of $936 is $234?

25%

Percent Calculations (A)

Calculate the percent or value requested.

1. 252 is 72% of what amount?
2. 486 is 72% of what amount?
3. 7 is 5% of what amount?
4. 893 is 94% of what amount?
5. 71 is 71% of what amount?
6. 148 is 37% of what amount?
7. 161 is 46% of what amount?
8. 129 is 43% of what amount?
9. 201 is 67% of what amount?
10. 891 is 99% of what amount?

Percent Calculations (A) Answers

Calculate the percent or value requested.

1. 252 is 72% of what amount?

350

2. 486 is 72% of what amount?

675

3. 7 is 5% of what amount?

140

4. 893 is 94% of what amount?

950

5. 71 is 71% of what amount?

100

6. 148 is 37% of what amount?

400

7. 161 is 46% of what amount?

350

8. 129 is 43% of what amount?

300

9. 201 is 67% of what amount?

300

10. 891 is 99% of what amount?

900

Percent Calculations (A)

Calculate the percent or value requested.

1. 74.34 is 63% of what amount?
2. What is 24% of 647?
3. What percent of 933 is 391.86?
4. What is 81% of 811?
5. What is 85% of 891?
6. What percent of 182 is 176.54?
7. What percent of 753 is 67.77?
8. 156.24 is 36% of what amount?
9. 28.2 is 10% of what amount?
10. What percent of 79 is 30.02?

Percent Calculations (A) Answers

Calculate the percent or value requested.

1. 74.34 is 63% of what amount?

   118

2. What is 24% of 647?

   155.28

3. What percent of 933 is 391.86?

   42%

4. What is 81% of 811?

   656.91

5. What is 85% of 891?

   757.35

6. What percent of 182 is 176.54?

   97%

7. What percent of 753 is 67.77?

   9%

8. 156.24 is 36% of what amount?

   434

9. 28.2 is 10% of what amount?

   282

10. What percent of 79 is 30.02?

    38%