

Top Score

Mastering Computation Skills
Mathematics Grade 6

Name _____
School _____

Fairfax County Public Schools
Fairfax, Virginia

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Top Score

Mathematics 6

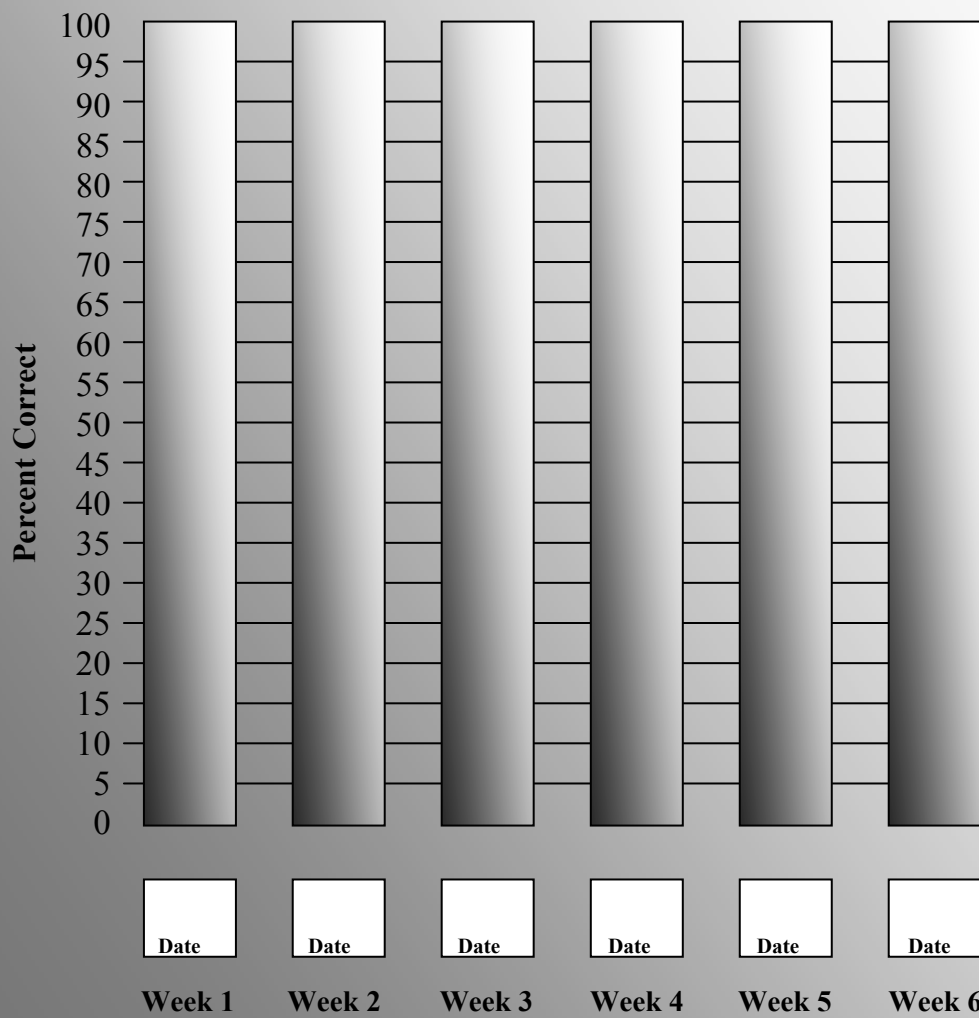
Top Score for the mathematics studied in grade 6 provides sets of exercises designed to challenge students to demonstrate mastery of the number and computation strands of the mathematics program. Speed and accuracy in computation helps students to work efficiently and effectively with many reasoning and problem-solving explorations in mathematics.

Top Score provides six sets of similar exercises for students to complete each quarter of the school year. Each set of exercises is designed for student self-assessment of computational mastery and is not intended for a teacher-assigned grade. These exercises become more challenging each quarter as the student navigates through the year's mathematics learning experiences.

Top Score is based on the expectations outlined in the Fairfax County Public Schools' Program of Studies for mathematics and the Virginia Standards of Learning for mathematics. Each student is encouraged to set a personal goal for computational speed and accuracy without the aid of a calculator.

Top Score Results

Quarter 1



Student _____

Top Score Quarter Goal _____

Score

Problem Set 1

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 382 \\ 46 \\ +93 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 385 \\ -69 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 23 \\ \times 13 \\ \hline \end{array}$$

4) $9 \overline{)4068}$

5) $6.8 + 4 + 3.26$

6) $6.61 - 2.32$

7) 6.42×8

8) $12.36 \div 0.3$

9)
$$\begin{array}{r} \frac{1}{3} \\ + \frac{2}{5} \\ \hline \end{array}$$

10)
$$\begin{array}{r} \frac{5}{9} \\ - \frac{1}{3} \\ \hline \end{array}$$

11)
$$\begin{array}{r} \frac{5}{6} \\ - \frac{3}{4} \\ \hline \end{array}$$

12)
$$\begin{array}{r} \frac{3}{5} \\ + \frac{1}{2} \\ \hline \end{array}$$

Round to the nearer tenth.

13) 8.325

14) 5.16299

15) 2.3671

16) 8.998

Which fraction is greater?

17) $\frac{1}{2}$ or $\frac{3}{4}$

18) $\frac{5}{6}$ or $\frac{2}{3}$

19) $\frac{4}{5}$ or $\frac{3}{6}$

20) $\frac{3}{10}$ or $\frac{4}{9}$

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 2

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 106 \\ 32 \\ +91 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 283 \\ -88 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 35 \\ \times 17 \\ \hline \end{array}$$

4) $8 \overline{)2904}$

5) $8 + 7.3 + 4.63$

6) $4.06 - 1.85$

7) 5.08×9

8) $5.85 \div 0.05$

9)
$$\begin{array}{r} \frac{3}{4} \\ + \frac{2}{3} \\ \hline \end{array}$$

10)
$$\begin{array}{r} \frac{5}{6} \\ - \frac{1}{8} \\ \hline \end{array}$$

11)
$$\begin{array}{r} \frac{1}{2} \\ - \frac{3}{10} \\ \hline \end{array}$$

12)
$$\begin{array}{r} \frac{3}{5} \\ + \frac{3}{4} \\ \hline \end{array}$$

Round to the nearer tenth.

13) 6.439

14) 2.706

15) 0.096

16) 0.456

Which fraction is less?

17) $\frac{2}{5}$ or $\frac{3}{7}$

18) $\frac{1}{3}$ or $\frac{1}{6}$

19) $\frac{4}{7}$ or $\frac{2}{9}$

20) $\frac{3}{4}$ or $\frac{5}{6}$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 3

Score

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 261 \\ 84 \\ +37 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 406 \\ -79 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 46 \\ \times 14 \\ \hline \end{array}$$

4) $7 \overline{)3787}$

5) $8.7 + 3.26 + 3$

6) $5.04 - 3.86$

7) 1.4×0.28

8) $143.28 \div 0.08$

9)
$$\begin{array}{r} \frac{1}{3} \\ + \frac{3}{8} \\ \hline \end{array}$$

10)
$$\begin{array}{r} \frac{8}{9} \\ - \frac{2}{3} \\ \hline \end{array}$$

11)
$$\begin{array}{r} \frac{1}{2} \\ - \frac{1}{5} \\ \hline \end{array}$$

12)
$$\begin{array}{r} \frac{2}{5} \\ + \frac{1}{3} \\ \hline \end{array}$$

Round to the nearer tenth.

13) 8.397

14) 3.625

15) 5.1352

16) 7.91

Which fraction is greater?

17) $\frac{1}{7}$ or $\frac{2}{9}$

18) $\frac{3}{4}$ or $\frac{9}{10}$

19) $\frac{3}{8}$ or $\frac{6}{7}$

20) $\frac{2}{5}$ or $\frac{1}{3}$

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 4

Simplify each of the following. Write your answer in the space provided.

$$1) \begin{array}{r} 847 \\ 38 \\ +29 \\ \hline \end{array}$$

$$2) \begin{array}{r} 462 \\ -47 \\ \hline \end{array}$$

$$3) \begin{array}{r} 56 \\ \times 32 \\ \hline \end{array}$$

$$4) 6 \overline{)5244}$$

$$5) 6.2 + 8.1 + 8.37$$

$$6) 7.64 - 2.8$$

$$7) 0.36 \times 0.09$$

$$8) 9.48 \div 0.4$$

$$9) \begin{array}{r} \frac{5}{9} \\ + \frac{5}{6} \\ \hline \end{array}$$

$$10) \begin{array}{r} \frac{4}{5} \\ - \frac{2}{3} \\ \hline \end{array}$$

$$11) \begin{array}{r} \frac{2}{9} \\ + \frac{1}{3} \\ \hline \end{array}$$

$$12) \begin{array}{r} \frac{5}{6} \\ - \frac{4}{5} \\ \hline \end{array}$$

Round to the nearer tenth.

$$13) 0.691$$

$$14) 1.4328$$

$$15) 16.8999$$

$$16) 4.089$$

Which fraction is less?

$$17) \frac{10}{11} \text{ or } \frac{5}{8}$$

$$18) \frac{5}{12} \text{ or } \frac{1}{6}$$

$$19) \frac{2}{3} \text{ or } \frac{7}{8}$$

$$20) \frac{2}{3} \text{ or } \frac{4}{5}$$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 5

Score

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 302 \\ 72 \\ +24 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 783 \\ -598 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 87 \\ \times 28 \\ \hline \end{array}$$

4) $7 \overline{)6944}$

1) _____

2) _____

3) _____

4) _____

5) $7.4 + 8.2 + 0.064$

6) $4.69 - 3.581$

7) 1.43×0.5

8) $1.784 \div 0.08$

5) _____

6) _____

7) _____

9)
$$\begin{array}{r} \frac{5}{6} \\ + \frac{3}{8} \\ \hline \end{array}$$

10)
$$\begin{array}{r} \frac{11}{12} \\ - \frac{2}{3} \\ \hline \end{array}$$

11)
$$\begin{array}{r} \frac{3}{4} \\ + \frac{2}{5} \\ \hline \end{array}$$

12)
$$\begin{array}{r} \frac{5}{12} \\ - \frac{1}{3} \\ \hline \end{array}$$

8) _____

9) _____

10) _____

11) _____

12) _____

Round to the nearer tenth.

13) 6.304

14) 3.7864

15) 8.1302

16) 5.499

13) _____

14) _____

15) _____

16) _____

Which fraction is less?

17) $\frac{2}{3}$ or $\frac{9}{11}$

18) $\frac{7}{8}$ or $\frac{7}{12}$

19) $\frac{3}{8}$ or $\frac{5}{6}$

20) $\frac{4}{9}$ or $\frac{5}{10}$

17) _____

18) _____

19) _____

20) _____

Problem Set 6

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 517 \\ 29 \\ + 82 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 672 \\ - 49 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 74 \\ \times 39 \\ \hline \end{array}$$

4) $9 \overline{)4734}$

5) $5.32 + 0.6 + 7$

6) $8.43 - 2.625$

7) 2.56×0.8

8) $36.96 \div 0.8$

9)
$$\begin{array}{r} \frac{3}{4} \\ + \frac{5}{6} \\ \hline \end{array}$$

10)
$$\begin{array}{r} \frac{7}{10} \\ - \frac{3}{5} \\ \hline \end{array}$$

11)
$$\begin{array}{r} \frac{1}{6} \\ + \frac{3}{8} \\ \hline \end{array}$$

12)
$$\begin{array}{r} \frac{4}{7} \\ - \frac{1}{3} \\ \hline \end{array}$$

Round to the nearer tenth.

13) 3.133

14) 45.1346

15) 7.1969

16) 3.099

Which fraction is greater?

17) $1\frac{1}{2}$ or $1\frac{2}{3}$

18) $2\frac{6}{11}$ or $2\frac{5}{6}$

19) $3\frac{4}{5}$ or $3\frac{1}{3}$

20) $4\frac{8}{9}$ or $4\frac{10}{11}$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

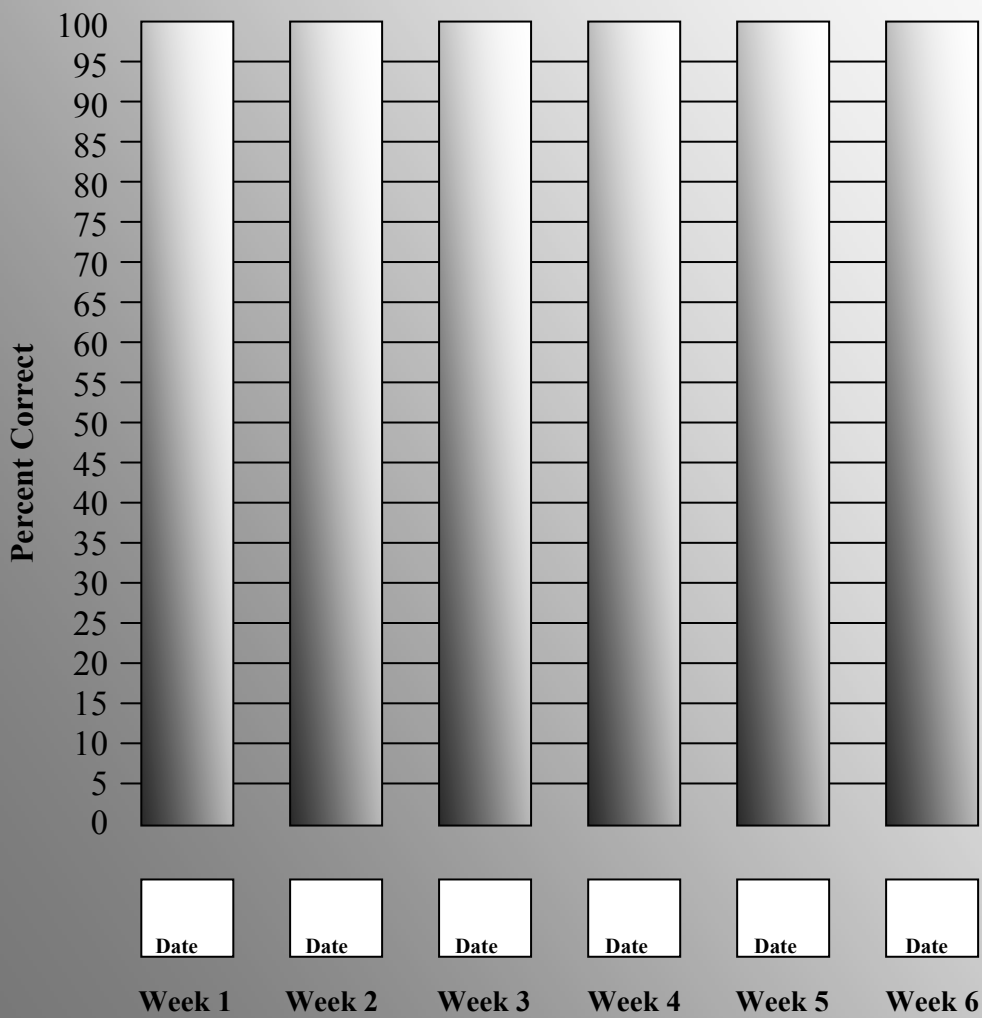
18) _____

19) _____

20) _____

Top Score Results

Quarter 2



Student _____

Top Score Quarter Goal _____

Problem Set 7

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 306 \\ 229 \\ +56 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 356 \\ -79 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 65 \\ \times 24 \\ \hline \end{array}$$

4) $12 \overline{)6252}$

5) $7.51 + 3 + 0.26$

6) $9.42 - 6.28$

7) 3.21×0.7

8) $5.632 \div 0.2$

9)
$$\begin{array}{r} \frac{2}{3} \\ +3\frac{2}{3} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 6\frac{3}{4} \\ -2\frac{1}{3} \\ \hline \end{array}$$

11) $\frac{1}{3} \times \frac{6}{7}$

12) $1\frac{1}{2} \times \frac{2}{3}$

13) 4.27×10

14) 5.362×100

15) 0.042×10

16) 3.246×1000

Simplify.

17) $3 \times 2 + 6$

18) $16 \div 4 + 1$

19) $50 - 6 + 9$

20) $49 \div 7 \times 2$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 8

Score

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 208 \\ 731 \\ +63 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 648 \\ -89 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 38 \\ \times 75 \\ \hline \end{array}$$

4) $13 \overline{)2171}$

5) $8.1 + 0.5 + 4.36$

6) $7.08 - 3.46$

7) 1.56×0.06

8) $5.904 \div 0.4$

9)
$$\begin{array}{r} 2\frac{3}{4} \\ +2\frac{1}{3} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 5\frac{5}{6} \\ -1\frac{2}{3} \\ \hline \end{array}$$

11) $\frac{3}{5} \times \frac{3}{4}$

12) $1\frac{1}{3} \times \frac{1}{4}$

13) 1.839×100

14) 21.155×1000

15) 7.2634×10

16) 8.499×100

Simplify.

17) $12 + 9 \div 3$

18) $5 + 20 \div 4$

19) $21 - 15 \div 3$

20) $9 + 6 - 4$

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 9

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 406 \\ 29 \\ + 67 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 524 \\ - 67 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 62 \\ \times 85 \\ \hline \end{array}$$

4) $15 \overline{)3390}$

5) $9.3 + 3.65 + 0.7$

6) $8.05 - 4.78$

7) 2.97×0.05

8) $7.488 \div 0.8$

9)
$$\begin{array}{r} 5\frac{1}{3} \\ + 3\frac{2}{5} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 4\frac{4}{5} \\ - 1\frac{1}{3} \\ \hline \end{array}$$

11) $\frac{2}{5} \times \frac{5}{9}$

12) $2\frac{1}{2} \times \frac{3}{5}$

13) 6.1295×100

14) 0.2337×10

15) 8.1362×1000

16) 4.6118×10000

Simplify.

17) $72 \div 8 \times 3$

18) $11 + 4 \times 9$

19) $19 - 24 \div 6$

20) $12 \div 4 + 7$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 10

Score

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 503 \\ 16 \\ +142 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 837 \\ -98 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 87 \\ \times 46 \\ \hline \end{array}$$

4) $18 \overline{)5976}$

5) $3.7 + 4.615 + 5$

6) $9.32 - 7.7$

7) 0.71×0.23

8) $36.57 \div 0.1$

9)
$$\begin{array}{r} 5\frac{3}{8} \\ +2\frac{1}{2} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 8\frac{4}{5} \\ -2\frac{3}{10} \\ \hline \end{array}$$

11) $\frac{1}{3} \times \frac{9}{10}$

12) $3\frac{1}{2} \times 1\frac{1}{3}$

13) 3.704×1000

14) 2.309×10

15) 8.0902×100

16) 7.844×10000

Simplify.

17) $144 \div 12 \times 9$

18) $27 + 8 \div 4$

19) $98 - 7 \times 6$

20) $83 + 88 \div 11$

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 11

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 509 \\ 16 \\ + 242 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 839 \\ - 98 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 39 \\ \times 85 \\ \hline \end{array}$$

4) $17 \overline{)5202}$

5) $2.25 + 8 + 3.146$

6) $7.54 - 2.332$

7) 5.74×0.06

8) $14.11 \div 0.5$

9)
$$\begin{array}{r} 3\frac{5}{8} \\ + 2\frac{1}{4} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 7\frac{7}{8} \\ - 2\frac{5}{6} \\ \hline \end{array}$$

11) $\frac{3}{4} \times \frac{8}{9}$

12) $4\frac{2}{3} \times 1\frac{1}{2}$

13) 2.093×100

14) 6.471×10

15) 2.6218×1000

16) 3.906×10

Simplify.

17) $36 \div 9 \times 8$

18) $18 + 14 \div 2$

19) $45 - 6 \times 4$

20) $39 - 14 + 29$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 12

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 108 \\ 92 \\ +267 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 718 \\ -75 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 73 \\ \times 84 \\ \hline \end{array}$$

4) $16 \overline{)6656}$

5) $7.2 + 4.561 + 3$

6) $7.69 - 3.846$

7) 6.23×0.08

8) $9.706 \div 0.2$

9)
$$\begin{array}{r} 9\frac{1}{4} \\ +4\frac{1}{6} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 9\frac{2}{5} \\ -2\frac{1}{3} \\ \hline \end{array}$$

11) $\frac{3}{8} \times \frac{4}{7}$

12) $2\frac{2}{3} \times \frac{3}{4}$

13) 6.127×1000

14) 0.035×100

15) 5.0273×10

16) 5.829×10000

Simplify.

17) $56 \div 8 \times 4$

18) $23 + 9 \times 6$

19) $41 - 8 \times 5$

20) $100 + 40 - 8$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

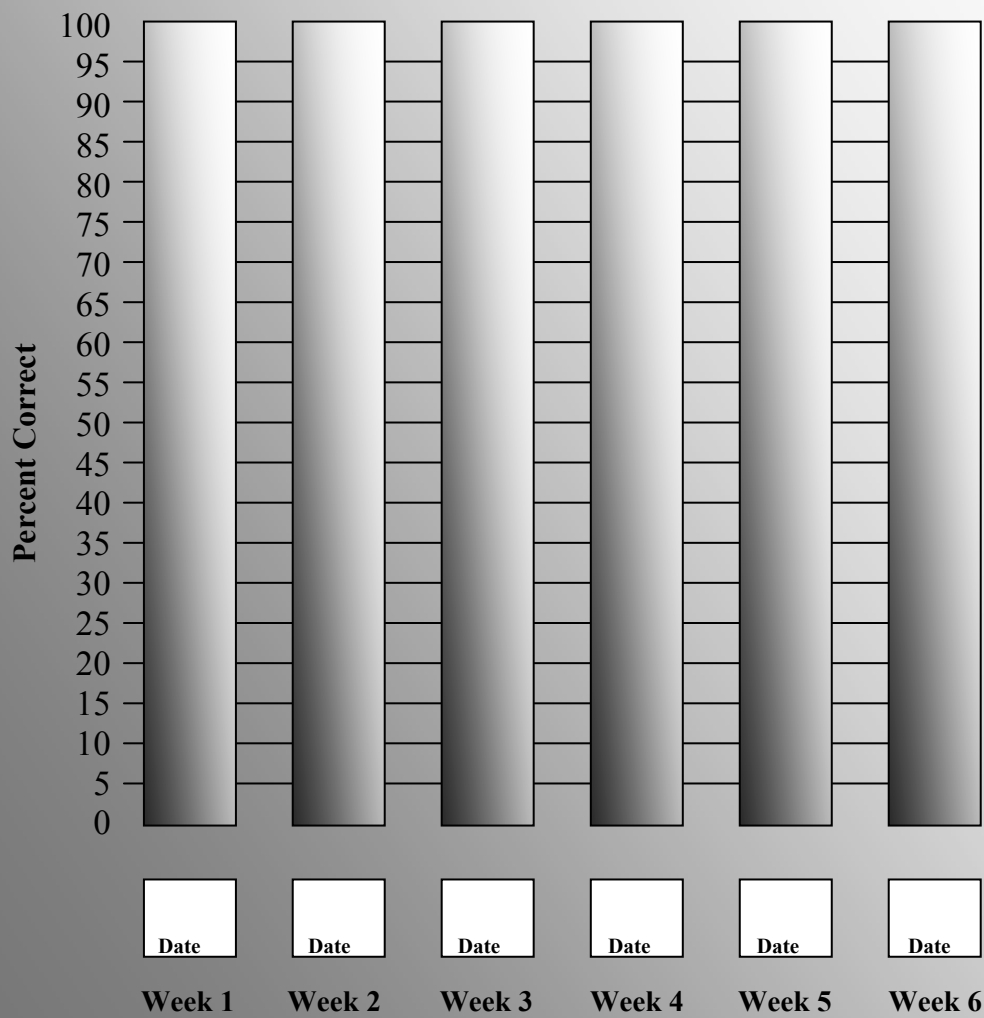
18) _____

19) _____

20) _____

Top Score Results

Quarter 3



Student _____

Top Score Quarter Goal _____

Problem Set 13

Score

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 456 \\ 204 \\ 137 \\ + 284 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 1308 \\ - 259 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 168 \\ \times 57 \\ \hline \end{array}$$

4) $23 \overline{)9685}$

1) _____

2) _____

3) _____

4) _____

5) _____

5) $6.2 + 3 + 8.023$

6) $4.83 - 2.64$

7) 4.36×0.04

8) $3.66 \div 0.4$

6) _____

7) _____

8) _____

9)
$$\begin{array}{r} 9\frac{5}{6} \\ + 4\frac{1}{4} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 7\frac{1}{6} \\ - 3\frac{5}{6} \\ \hline \end{array}$$

11) $6 \times 1\frac{3}{4}$

12) $\frac{3}{4} \div \frac{1}{2}$

9) _____

10) _____

11) _____

12) _____

13) Find the GCF.
15, 20

14) Find the GCF.
18, 40

15) Find the LCM.
21, 33

16) Find the LCM.
6, 36

13) _____

14) _____

15) _____

16) _____

Write each fraction as a decimal numeral.

17) $\frac{9}{10}$

18) $\frac{415}{1000}$

19) $\frac{13}{100}$

20) $\frac{16}{1000}$

17) _____

18) _____

19) _____

20) _____

Problem Set 14

Simplify each of the following. Write your answer in the space provided.

$$\begin{array}{r} 621 \\ 1) \quad 309 \\ \quad 243 \\ \hline \quad +63 \\ \hline \end{array}$$

$$2) \quad \begin{array}{r} 2702 \\ \underline{-169} \end{array}$$

$$3) \quad \begin{array}{r} 289 \\ \times 93 \\ \hline \end{array}$$

$$4) \quad 19 \overline{)1938}$$

$$5) \quad 6.5 + 21 + 0.06$$

$$6) \quad 12.09 - 8.62$$

$$7) \quad 9.81 \times 0.07$$

$$8) \quad 8.421 \div 0.3$$

$$9) \quad \begin{array}{r} 4\frac{7}{12} \\ + 3\frac{3}{4} \\ \hline \end{array}$$

$$10) \quad \begin{array}{r} 8\frac{1}{5} \\ - 2\frac{1}{2} \\ \hline \end{array}$$

$$11) \quad 8 \times 3\frac{1}{4}$$

$$12) \quad \frac{5}{6} \div \frac{2}{3}$$

$$13) \quad \text{Find the GCF.} \\ 30, 45$$

$$14) \quad \text{Find the GCF.} \\ 16, 64$$

$$15) \quad \text{Find the LCM.} \\ 9, 15$$

$$16) \quad \text{Find the LCM.} \\ 21, 28$$

Write each fraction as a decimal numeral.

$$17) \quad \frac{2}{10}$$

$$18) \quad \frac{42}{100}$$

$$19) \quad \frac{534}{1000}$$

$$20) \quad \frac{5}{100}$$

Score

1) _____

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____

8) _____

9) _____

10) _____

11) _____

12) _____

13) _____

14) _____

15) _____

16) _____

17) _____

18) _____

19) _____

20) _____

Problem Set 15

Simplify each of the following. Write your answer in the space provided.

$$\begin{array}{r} 218 \\ 402 \\ 1) \quad 592 \\ \quad + 68 \\ \hline \end{array}$$

$$2) \quad \begin{array}{r} 3204 \\ -478 \\ \hline \end{array}$$

$$3) \quad \begin{array}{r} 263 \\ \times 24 \\ \hline \end{array}$$

$$4) \quad 67 \overline{)1756}$$

$$5) \quad 3.4 + 7.03 + 74$$

$$6) \quad 6.83 - 2.618$$

$$7) \quad 8.25 \times 0.21$$

$$8) \quad 6.875 \div 0.5$$

$$9) \quad \begin{array}{r} 7\frac{3}{8} \\ + 6\frac{5}{6} \\ \hline \end{array}$$

$$10) \quad \begin{array}{r} 15\frac{1}{3} \\ - 8\frac{5}{6} \\ \hline \end{array}$$

$$11) \quad 15 \times 2\frac{2}{3}$$

$$12) \quad \frac{4}{5} \div \frac{3}{8}$$

$$13) \quad \text{Find the GCF.} \\ 12, 36$$

$$14) \quad \text{Find the GCF.} \\ 27, 36$$

$$15) \quad \text{Find the LCM.} \\ 24, 72$$

$$16) \quad \text{Find the LCM.} \\ 15, 100$$

Write each fraction as a decimal numeral.

$$17) \quad \frac{13}{10}$$

$$18) \quad \frac{147}{100}$$

$$19) \quad \frac{92}{1000}$$

$$20) \quad \frac{6419}{10000}$$

Score

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Problem Set 16

Simplify each of the following. Write your answer in the space provided.

$$\begin{array}{r} 505 \\ 129 \\ 1) \quad 383 \\ \hline + 76 \\ \hline \end{array}$$

$$2) \quad \begin{array}{r} 5307 \\ - 489 \\ \hline \end{array}$$

$$3) \quad \begin{array}{r} 524 \\ \times 63 \\ \hline \end{array}$$

$$4) \quad 38 \overline{)1375}$$

$$5) \quad 7.2 + 9.84 + 84$$

$$6) \quad 6.45 - 3.889$$

$$7) \quad 6.31 \times 0.41$$

$$8) \quad 12.78 \div 0.2$$

$$9) \quad \begin{array}{r} 6\frac{2}{3} \\ + 4\frac{1}{2} \\ \hline \end{array}$$

$$10) \quad \begin{array}{r} 7 \\ - 5\frac{5}{12} \\ \hline \end{array}$$

$$11) \quad 21 \times 3\frac{1}{3}$$

$$12) \quad 1\frac{3}{5} \div 10$$

$$13) \quad \text{Find the GCF.} \\ 98, 21$$

$$14) \quad \text{Find the GCF.} \\ 63, 27$$

$$15) \quad \text{Find the LCM.} \\ 144, 18$$

$$16) \quad \text{Find the LCM.} \\ 39, 78$$

Write each decimal as a fraction in simplest form.

$$17) \quad 0.9$$

$$18) \quad 0.349$$

$$19) \quad 0.05$$

$$20) \quad 0.061$$

Score

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Problem Set 17

Score

Simplify each of the following. Write your answer in the space provided.

1)
$$\begin{array}{r} 737 \\ 103 \\ 821 \\ +94 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 1206 \\ -178 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 728 \\ \times 56 \\ \hline \end{array}$$

4) $16 \overline{)8048}$

5) $94 + 2.5 + 1.87$

6) $9.76 - 3.347$

7) 4.32×0.15

8) $19.55 \div 0.5$

9)
$$\begin{array}{r} 7\frac{3}{8} \\ +8\frac{3}{4} \\ \hline \end{array}$$

10)
$$\begin{array}{r} 9 \\ -2\frac{5}{6} \\ \hline \end{array}$$

11) $5\frac{5}{8} \times 2\frac{2}{3}$

12) $6\frac{2}{3} \div 8$

13) Find the GCF.
84, 49

14) Find the GCF.
64, 72

15) Find the LCM.
9, 33

16) Find the LCM.
36, 48

Write each decimal as a fraction in simplest form.

17) 0.8

18) 0.023

19) 0.14

20) 0.019

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Problem Set 18

Simplify each of the following. Write your answer in the space provided.

$$1) \begin{array}{r} 368 \\ 247 \\ 132 \\ +69 \\ \hline \end{array}$$

$$2) \begin{array}{r} 2528 \\ -389 \\ \hline \end{array}$$

$$3) \begin{array}{r} 308 \\ \times 67 \\ \hline \end{array}$$

$$4) 41 \overline{)3392}$$

$$5) 5.62 + 9.1 + 3.063$$

$$6) 6.36 - 3.555$$

$$7) 4.28 \times 0.75$$

$$8) 22.89 \div 0.6$$

$$9) \begin{array}{r} 3\frac{3}{5} \\ +6\frac{7}{10} \\ \hline \end{array}$$

$$10) \begin{array}{r} 9\frac{1}{3} \\ -4\frac{5}{6} \\ \hline \end{array}$$

$$11) 6\frac{2}{5} \times 1\frac{7}{8}$$

$$12) 9\frac{1}{3} \div 3\frac{1}{3}$$

$$13) \text{ Find the GCF.} \\ 35, 21$$

$$14) \text{ Find the GCF.} \\ 81, 18$$

$$15) \text{ Find the LCM.} \\ 60, 45$$

$$16) \text{ Find the LCM.} \\ 22, 33$$

Write each decimal as a fraction in simplest form.

$$17) 4.97$$

$$18) 15.031$$

$$19) 0.0009$$

$$20) 104.67$$

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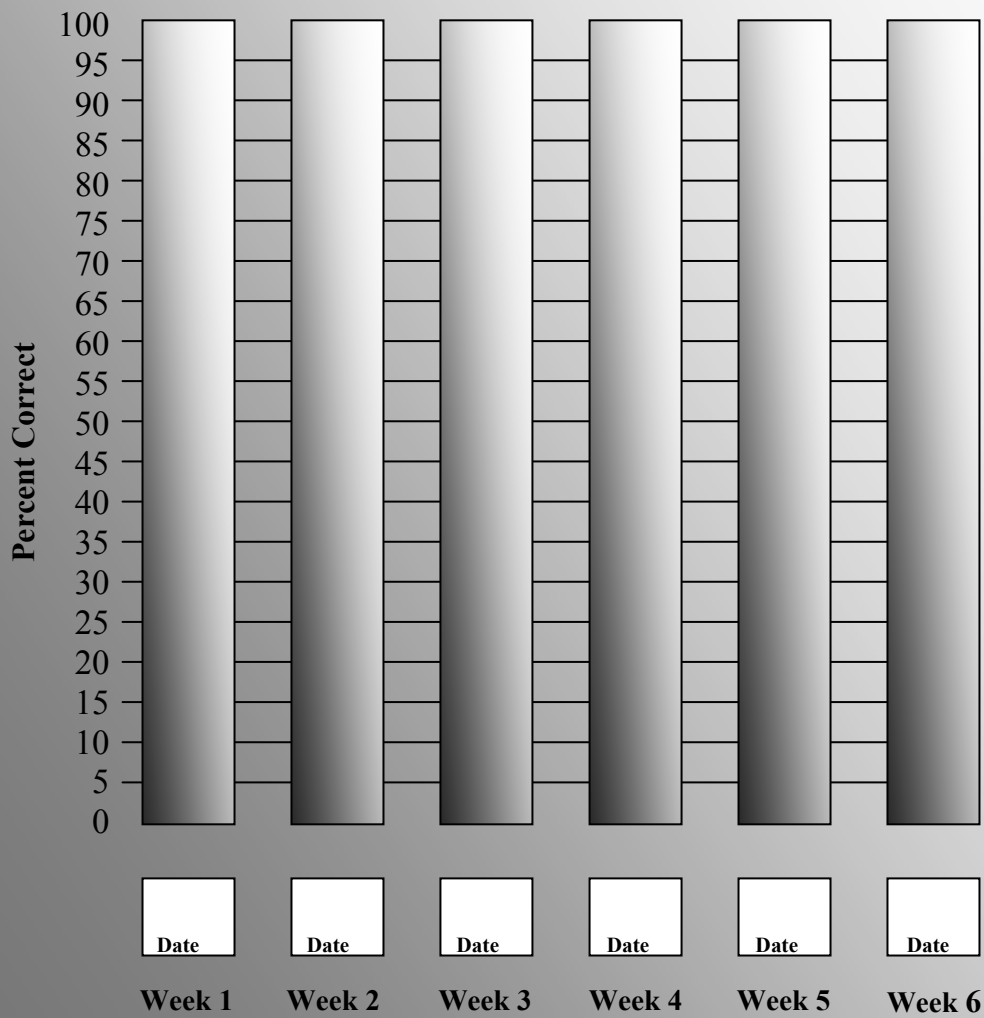
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Top Score Results

Quarter 4



Student _____

Top Score Quarter Goal _____

Problem Set 19

Complete each exercise. Write your answer in the space provided.

1) Find the sum of the four numbers 956, 364, 271, and 821.

2) Find the difference between 1,406 and 897.

3) Find the product of 504 and 59.

4) Find the quotient of 8,060 and 13.

5) Find the sum of 3, 8.064, 7.1, and 0.03.

6) Find the difference between 14.63 and 8.76.

7) Find the product of 6.42 and 2.3.

8) Find the quotient of 6.84 and 0.4.

9) Find the sum of $9\frac{3}{4}$ and $6\frac{5}{6}$.

10) Find the difference between $11\frac{1}{5}$ and $3\frac{7}{10}$.

11) Find the product of $3\frac{1}{3}$ and $2\frac{2}{5}$.

12) Find the quotient of $2\frac{1}{2}$ and $1\frac{1}{4}$.

13) Round 7.223 to the nearer tenth.

14) Round 0.9952 to the nearer hundredth.

15) Round 1.22994 to the nearer thousandth.

16) Round 5.4999 to the nearer whole number.

17) Simplify. 3^2

18) Simplify. $\sqrt{49}$

19) Simplify. 5^2

20) Simplify. $\sqrt{64}$

Score

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Problem Set 20

Complete each exercise. Write your answer in the space provided.

1) Find the sum of the four numbers 621, 309, 243, and 449.

2) Find the difference between 1,702 and 469.

3) Find the product of 603 and 72.

4) Find the quotient of 5,046 and 56.

5) Find the sum of 9.32, 4.601, 8, and 3.6.

6) Find the difference between 1.464 and 0.879.

7) Find the product of 8.37 and 4.2.

8) Find the quotient of 2.32 and 0.5.

9) Find the sum of $16\frac{7}{8}$ and $8\frac{3}{4}$.

10) Find the difference between $32\frac{1}{4}$ and $17\frac{2}{3}$.

11) Find the product of $5\frac{1}{3}$ and $1\frac{1}{2}$.

12) Find the quotient of $3\frac{1}{3}$ and $\frac{5}{6}$.

13) Round 8.99 to the nearer tenth.

14) Round 4.848 to the nearer hundredth.

15) Round 3.7999 to the nearer thousandth.

16) Round 8.711 to the nearer whole number.

17) Simplify. 2^3

18) Simplify. $\sqrt{16}$

19) Simplify. 9^2

20) Simplify. $\sqrt{36}$

Score

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Problem Set 21

Complete each exercise. Write your answer in the space provided.

- 1) Find the sum of the four numbers 218, 402, 592, and 758.
- 2) Find the difference between 4,204 and 578.
- 3) Find the product of 806 and 84.
- 4) Find the quotient of 8,568 and 21.
- 5) Find the sum of 3.02, 6.4, 9, and 8.036.
- 6) Find the difference between 18.65 and 9.96.
- 7) Find the product of 1.36 and 8.3.
- 8) Find the quotient of 25.84 and 0.5.
- 9) Find the sum of $17\frac{1}{6}$ and $8\frac{3}{4}$.
- 10) Find the difference between $41\frac{1}{4}$ and $23\frac{3}{5}$.
- 11) Find the product of $5\frac{1}{3}$ and $1\frac{7}{8}$.
- 12) Find the quotient of $5\frac{2}{3}$ and $\frac{5}{9}$.
- 13) Round 0.056 to the nearer tenth.
- 14) Round 12.003 to the nearer hundredth.
- 15) Round 3.47729 to the nearer thousandth.
- 16) Round 9.3 to the nearer whole number.
- 17) Simplify. 10^2
- 18) Simplify. $\sqrt{9}$
- 19) Simplify. 8^2
- 20) Simplify. $\sqrt{25}$

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Problem Set 22

Complete each exercise. Write your answer in the space provided.

1) Find the sum of the four numbers 834, 906, 385, and 836.

2) Find the difference between 2,307 and 89.

3) Find the product of 703 and 27.

4) Find the quotient of 9,139 and 13.

5) Find the sum of 7.034, 8, 7.23, and 5.

6) Find the difference between 0.4326 and 0.2987.

7) Find the product of 2.75 and 1.3.

8) Find the quotient of 18.9 and 0.3.

9) Find the sum of $19\frac{2}{3}$ and $6\frac{5}{8}$.

10) Find the difference between $23\frac{5}{12}$ and $8\frac{5}{6}$.

11) Find the product of $6\frac{1}{8}$ and $6\frac{6}{7}$.

12) Find the quotient of $6\frac{2}{5}$ and $1\frac{3}{5}$.

13) Round 0.211 to the nearer tenth.

14) Round 5.223 to the nearer hundredth.

15) Round 6.1101 to the nearer thousandth.

16) Round 10.45 to the nearer whole number.

17) Simplify. 6^2

18) Simplify. $\sqrt{144}$

19) Simplify. 3^3

20) Simplify. $\sqrt{100}$

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Problem Set 23

Complete each exercise. Write your answer in the space provided.

- 1) Find the sum of the four numbers 767, 693, 821, and 949.
- 2) Find the difference between 3,206 and 878.
- 3) Find the product of 904 and 36.
- 4) Find the quotient of 5,440 and 85.
- 5) Find the sum of 7.01, 3.625, 9, and 12.6.
- 6) Find the difference between 0.2461 and 0.1692.
- 7) Find the product of 12.6 and 6.7.
- 8) Find the quotient of 6.426 and 0.4.
- 9) Find the sum of $13\frac{2}{3}$ and $28\frac{4}{5}$.
- 10) Find the difference between $28\frac{3}{8}$ and $19\frac{5}{6}$.
- 11) Find the product of $1\frac{3}{5}$ and $2\frac{1}{4}$.
- 12) Find the quotient of $8\frac{1}{3}$ and $4\frac{1}{6}$.
- 13) Round 3.66 to the nearer tenth.
- 14) Round 0.1119 to the nearer hundredth.
- 15) Round 2.88227 to the nearer thousandth.
- 16) Round 3.6 to the nearer whole number.
- 17) Simplify. 11^2
- 18) Simplify. $\sqrt{900}$
- 19) Simplify. 20^2
- 20) Simplify. $\sqrt{4}$

Score

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Problem Set 24

Complete each exercise. Write your answer in the space provided.

1) Find the sum of the four numbers 368, 247, 941, and 877.

2) Find the difference between 2,528 and 639.

3) Find the product of 608 and 29.

4) Find the quotient of 8,953 and 22.

5) Find the sum of 4, 9.035, 6.2, and 8.07.

6) Find the difference between 0.3147 and 0.2968.

7) Find the product of 3.76 and 6.8.

8) Find the quotient of 1.548 and 0.6.

9) Find the sum of $17\frac{2}{3}$ and $16\frac{5}{9}$.

10) Find the difference between $38\frac{1}{6}$ and $19\frac{8}{9}$.

11) Find the product of $3\frac{1}{8}$ and $4\frac{4}{5}$.

12) Find the quotient of $4\frac{1}{4}$ and $\frac{7}{10}$.

13) Round 2.79 to the nearer tenth.

14) Round 9.899 to the nearer hundredth.

15) Round 3.9889 to the nearer thousandth.

16) Round 4.129 to the nearer whole number.

17) Simplify. 12^2

18) Simplify. $\sqrt{400}$

19) Simplify. 5^3

20) Simplify. $\sqrt{144}$

Score

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