

5th Grade Spiral Review Chapter 1-6

1. (1.6) Estimate first. Then find the product:

Estimate: $600 \times 6 = 3600$

$$\begin{array}{r} 589 \\ \times 6 \\ \hline 3534 \end{array}$$

2. (1.11) Evaluate the numerical expression: $42 - 15$
 $42 - (9 + 6)$

27

3. (1.4) Mr. Cohen bought a supply of 20 cases of diapers. Each case contains 500 diapers. How many diapers are there all together?

500×20

10,000 diapers

4. (2.6) Divide.

$529 \div 37$

$$\begin{array}{r} 14 \\ 37 \overline{) 529} \\ \underline{-37} \\ 159 \\ \underline{-148} \\ 11 \end{array}$$

14 r 11

5. (2.6) Piper is selling cookies. She sells them in packages of 12. She has 492 cookies total. How many packages of cookies does she have?

$$12 \overline{) 492}$$

41 packages

6. (3.3) The table lists the top ~~four~~³ times for the 100-meter race.

Name	Time (in seconds)
Liam	13.71
Harry	13.1
Zayn	13.56

Who had the fastest time?

Harry

7. (3.4) What is 4.257 rounded to the nearest tenth?

4.3

8. (3.8 & 3.9)

Captain Underpants bought a pretzel and popcorn. Mr. Krupp bought lemonade and nachos. Find the difference between the cost of snacks Captain Underpants bought and the cost of the snacks Mr. Krupp buys.

Park Snacks	
Item	Price
Lemonade	\$1.39
Pretzel	\$2.60
Nachos	\$2.50
Popcorn	\$1.75
Pizza	\$3.89

$$\begin{array}{r} \$2.60 \\ + 1.75 \\ \hline \$4.35 \end{array}$$

$$\begin{array}{r} \$4.35 \\ - 3.89 \\ \hline \end{array}$$

\$.46

$$\begin{array}{r} \$1.39 \\ + 2.50 \\ \hline \$3.89 \end{array}$$

9. (4.2) The cost of admission to One Direction's concert is listed below. How much would it cost for a family of 2 adults and 3 children to go to the concert?

One Direction Concert	
	(Cost per person)
Senior Citizen	\$25.00
Adult	\$32.50
Child	\$28.75

$$\begin{array}{r} 32.50 \\ 32.50 \\ \hline 65.00 \end{array} \qquad \begin{array}{r} 28.75 \\ \times 3 \\ \hline 86.25 \end{array}$$

\$151.25

10. (4.2) Solve:

$$9 \times 2.45$$

22.05

11. (4.7) Find the product:

$$\begin{array}{r} 7.9 \\ \times 3.4 \\ \hline \end{array}$$

~~26.86~~
26.86

12. (5.1) Match the vocabulary term by drawing lines to each part in the equation.

Quotient ~~Divisor~~ Dividend

$$6.5 \div 4 = 1.625$$

13. (5.4) Divide:

$$4 \overline{) 9.76} = 2.44$$

14. (5.6) Divide:

$$0.4 \overline{) 3.6} = 9.$$

15. (6.5) Solve and simplify:

$$1 \frac{2}{3} - \frac{2}{4} = \frac{1}{6}$$

16. (6.7) Subtract:

$$\begin{array}{r} 3 \frac{1}{9} \\ - 1 \frac{5}{6} \\ \hline 2 \frac{20}{18} \\ - 1 \frac{15}{18} \\ \hline 1 \frac{5}{18} \end{array}$$

17. (6.8) Katniss and Peta have 3 arrows that measure $1\frac{1}{2}$ feet, $1\frac{13}{16}$ feet, and $2\frac{1}{8}$ feet. If the pattern continues, what is the length of the 5th arrow?

$$1\frac{1}{2}, 1\frac{8}{16}, 1\frac{13}{16}, 2\frac{2}{16}, 2\frac{7}{16}$$

5th arrow: 2 12/16