

Week 6

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Evaluate each expression.

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

2) $(-5) - (-4)$

3) $(-3.3) + (-3.5)$

Find each product.

4) -6.113×-8

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

Find each quotient.

6) $4.7 \div -3.152$

7) $\frac{1}{2} \div \frac{-8}{9}$

Simplify each expression.

8) $4(2 + 5p)$

9) $-10x - 3x$

10) $-4 - 7(1 + n)$

11) $-3(m + 3) - (m + 5)$

Evaluate each expression.

12) $2\frac{3}{4} - \left(1\frac{1}{3}\right)^2$

13) $10 - 2 - \frac{6}{(-9) - (-7)}$

Solve each equation.

14) $8 = 3n - n$

15) $-6b - 8 = -7b - 6$

16) $-7(1 - 8v) = 273$

17) $-3(2x - 4) = 12 + 8x$

18) $-7(x + 5) = -(x + 5)$

Answer each question and round your answer to the nearest whole number.

19) One bunch of asparagus costs \$2. How many bunches of asparagus can you buy for \$12?

20) Brenda bought one container of dried cherries for \$7. How many containers can Kristin buy if she has \$21?

Answers to Week 6 (ID: 1)

1) $3\frac{11}{14}$

2) -1

3) -6.8

4) 48.904

5) $-1\frac{1}{15}$

6) -1.49111675127

7) $-\frac{9}{16}$

8) $8 + 20p$

9) $-13x$

10) $-11 - 7n$

11) $-4m - 14$

12) $\frac{35}{36}$

13) 11

14) $\{4\}$

15) $\{2\}$

16) $\{5\}$

17) $\{0\}$

18) $\{-5\}$

19) 6

20) 3