

Class / Homework

Practice Problems

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3ace

4

8

9 a, c, e

11a

12bdf

17 a, c, d

18 a

Worksheet: 3.1-3.5 Review

Questions: all odd numbers

Worksheet: BEDMAS REVIEW

Questions: all questions

REVIEW to BEDMAS

Date _____

Evaluate each expression. (SHOW WORK)

1) $(-2) + (3 - 5) \times (-9)$

16

2) $3\left(9 - \frac{20}{-10}\right)$

33

3) $(-8) \times (-9) + 3 - (-10)$

85

4) $6^2 - (-4) \times 9$

72

5) $(15 \times 2) \div (2 - 8 - 4)$

-3

6) $(-2) \times (15 \times 3 - 9) \div (-6)$

12

7) $3 + (-8)^2 + 4 \div 4$

68

8) $(6^2 - (-2))((-3) - (-1))$

-76

9) $10 \div 5 - (4 + (-3)^3)$

25

10) $(-3 - 4) \times 3 \times 6 \div 6$

-21

11) $(-11 \times 2 - -4) \div -6 - -3$

6

12) $(-6 + 3)^2 - 5 \times -1$

14

Math 9: Chapter 3

Name _____

Section 3.1-3.5 Review

Date _____

Evaluate each expression.

1) $\frac{11}{7} - \left(-\frac{8}{7}\right) = 2\frac{5}{7}$

2) $\left(-\frac{7}{4}\right) - 2\frac{11}{12}$

3) $1\frac{5}{6} + \left(-2\frac{1}{4}\right) = -\frac{5}{12}$

4) $\left(-\frac{8}{9}\right) - \left(-\frac{4}{3}\right)$

5) $\left(-\frac{2}{5}\right) - \frac{7}{11} = -1\frac{2}{55}$

6) $(-5) - 4\frac{3}{4}$

7) $(-5.6) - (-7.7) = 2.1$

8) $(-0.3) + (-2.1)$

Find each product.

9) $-\frac{14}{9} \times -\frac{10}{9} = 1\frac{59}{81}$

10) $-1\frac{1}{6} \times -\frac{6}{5}$

11) $\frac{3}{2} \times -\frac{11}{8} = -2\frac{1}{16}$

12) $-2\frac{4}{5} \times \frac{17}{10}$

13) $-\frac{8}{9} \times -\frac{1}{2} = \frac{4}{9}$

14) $1\frac{1}{9} \times -\frac{1}{2}$

15) $3.2 \times -3.6 = -11.52$

16) -7.3×-9.3

Find each quotient.

17) $-2\frac{1}{3} \div \frac{-9}{8} = 2\frac{2}{27}$

18) $\frac{-4}{5} \div -2$

19) $-2\frac{1}{2} \div \frac{13}{7} = -1\frac{9}{26}$

20) $\frac{-8}{9} \div \frac{9}{7}$

21) $\frac{-4}{5} \div 7 = -\frac{4}{35}$

22) $\frac{-12}{7} \div \frac{-1}{7}$

23) $2.1 \div -6.5 = -0.3230769$

24) $-4.4 \div 0.1$

Answers to Section 3.1-3.5 Review

- | | | | |
|---------------------|--------------------|----------------------|-----------------------|
| 1) $2\frac{5}{7}$ | 2) $-4\frac{2}{3}$ | 3) $-\frac{5}{12}$ | 4) $\frac{4}{9}$ |
| 5) $-1\frac{2}{55}$ | 6) $-9\frac{3}{4}$ | 7) 2.1 | 8) -2.4 |
| 9) $1\frac{59}{81}$ | 10) $1\frac{2}{5}$ | 11) $-2\frac{1}{16}$ | 12) $-4\frac{19}{25}$ |
| 13) $\frac{4}{9}$ | 14) $-\frac{5}{9}$ | 15) -11.52 | 16) 67.89 |
| 17) $2\frac{2}{27}$ | 18) $\frac{2}{5}$ | 19) $-1\frac{9}{26}$ | 20) $-\frac{56}{81}$ |
| 21) $-\frac{4}{35}$ | 22) 12 | 23) -0.323076923077 | 24) -44 |

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