

Review Worksheet #9

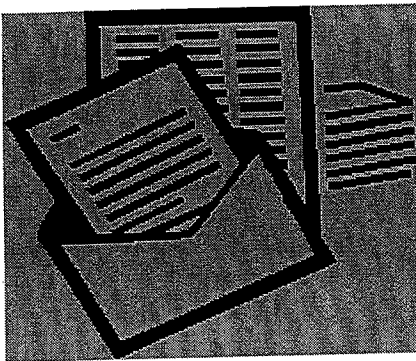
NAME _____

Review Worksheet #9

Section 1 - Multiple Choice

For questions 1-2

A group of student helpers stuffed envelopes together. Ally can stuff 10 envelopes a minute, Elizabeth can stuff 20 envelopes a minute, and Laura can stuff 15 envelopes a minute.



1)

If Elizabeth and Ally stuff envelopes together for 30 minutes, how many envelopes will have been stuffed?

- (a) 750
- (b) 800
- (c) 900
- (d) 1,050

2)

Laura was planning on stuffing 825 envelopes. How long would it take her to do this?

- (a) 40 minutes
- (b) 55 minutes
- (c) 1 hour, 5 minutes
- (d) 1 hour, 55 minutes

3) Simplify the following:

$$3(24 \div 4 - 2)$$

- (a) 12
- (b) 24
- (c) 36
- (d) 48

4) Kevin and Trevor trade baseball cards. Trevor reported that he gave away 7 cards this week. Kevin reported that he gave away triple what Trevor gave away. Which choice best describes Kevin's change in his baseball card collection as an integer?

- (a) 21
- (b) 4
- (c) -4
- (d) -21

5) Solve.

$$(-3) \times (6) \times (-2) =$$

- (a) -38
- (b) -36
- (c) 36
- (d) 38

6) Which operation should be performed first in the given expression?

$$16 \div [4^2 \div (8 - 3 \times 2)] - 9$$

- (a) Subtract 16 and 9.
- (b) Subtract 8 and 3.
- (c) Multiply 3 and 2.
- (d) Square 4.

7) Solve.

$$-23 - 8 = \underline{\quad}$$

- (a) -31
- (b) -15
- (c) +15
- (d) +31

8) Solve.

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

- (a) $\frac{8}{21}$
- (b) $1\frac{2}{12}$
- (c) $2\frac{1}{8}$
- (d) $2\frac{5}{8}$

9) Your school band is planning to attend a competition. The total cost for the sixty band members to attend is \$900. Each band member will pay \$4.00 toward this cost. They will sell boxes of candy to raise the rest of the money. For each box of candy sold the band makes \$3.00. How many boxes of candy will the band members need to sell?

- (a) 180
- (b) 220
- (c) 300
- (d) 380

10) Round $\frac{7}{40}$ to the nearest hundredth.

- (a) 0.175
- (b) 0.18
- (c) 0.21
- (d) 0.2

11) Mrs. Wilson bought a bag of licorice whips at the circus for her and her 4 children, and they ate all of the pieces in the bag. If the average amount of candy eaten by each of them was 7 pieces, how many pieces were in the bag?

- (a) 11
- (b) 24
- (c) 28
- (d) 35

12) What is the value of the following expression?

$$3 + 4^2 - 8 \times 2 + 4(1 + 2)$$

- (a) 9
- (b) 15
- (c) 31
- (d) 45

13) Bruce told his dad that he worked 15 hours at his weekend job and earned \$72.00. How much did Bruce earn per hour?

- (a) \$4.40
- (b) \$4.60
- (c) \$4.80
- (d) \$5.00

14) Solve the given expression using order of operations.

$$3 + \frac{9 \times 4}{(1 + 2)}$$

- (a) 16
- (b) 14.6
- (c) 36
- (d) 15

15) If Sara correctly answered $\frac{3}{4}$ of the questions on her math test and there were a total of 60 questions on the test, how many questions did she *not* answer correctly?

- (a) 5
- (b) 11
- (c) 15
- (d) 22

16) $12 - 2(3 + 2)^2 = \underline{\hspace{2cm}}$

- (a) 250
- (b) 100
- (c) -8
- (d) -38

17) Harold has $24\frac{2}{3}$ bushels of corn. He needs to split the corn evenly between 4 customers. How many bushels will each person receive?

- (a) $6\frac{1}{6}$ bushels
- (b) $6\frac{1}{2}$ bushels
- (c) $6\frac{2}{3}$ bushels
- (d) $7\frac{2}{3}$ bushels

18) Stephanie is about to simplify the expression below. What is the correct simplification of Stephanie's expression?

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

- (a) $\frac{7}{6}x - 1$
- (b) $\frac{7}{5}x - 9$
- (c) $\frac{7}{6}x - 9$
- (d) $\frac{7}{5}x - 6$

19) Solve.

$$(-12) - (9) - (-7) =$$

- (a) -28
- (b) -14
- (c) -10
- (d) -4

20) Solve.

$$(-6) - (14) - (-5) =$$

- (a) -25
- (b) -15
- (c) -13
- (d) -3