

# Summer Practice Session 1

## Grade 7-8

Name:

Date:

Use scrap paper to solve the problems and select the best answer.

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1.  $-97 - +65 =$

A.  $-162$

C.  $32$

B.  $-32$

D.  $162$

2.  $-14 - (-10)$

A.  $-24$

C.  $+4$

B.  $-4$

D.  $+24$

3.  $48 - 63 =$

A.  $-15$

C.  $15$

B.  $-14$

D.  $111$

4. Laura wants to simplify the expression shown below.

$$712 - 0.12$$

Which subtraction problem shows the correct way to line up the numbers before subtracting?

A. 
$$\begin{array}{r} 712 \\ - 0.12 \\ \hline \end{array}$$

C. 
$$\begin{array}{r} 712.00 \\ - 0.12 \\ \hline \end{array}$$

B. 
$$\begin{array}{r} 712.0 \\ - 0.12 \\ \hline \end{array}$$

D. 
$$\begin{array}{r} 712.000 \\ - 0.12 \\ \hline \end{array}$$

5.  $-6 \times -4 \times -7 \times -9 =$

A. -1,412

C. 1,512

B. 1,412

D. 1,532

6.  $-5 \times -8 =$

A. 42

C. -40

B. -48

D. 40

7.  $-8 \times -12 =$

A. -84

C. 84

B. -96

D. 96

8. Change  $7/9$  to a repeating decimal.

A. .7777

C. 1.28

B. .73

D. 1.7

9. The fraction  $-3/5$  would be represented as a \_\_\_\_\_ decimal.

A. repeating

C. terminating

B. mixed

D. radical

10.  $5(-9 + -3)$

A. -60

C. -7

B. -30

D. 60

11. Compute:  $(7.6 - 8.92) - (4.3 - .9)$

A. 4.72

C. -4.72

B. 3.86

D. -3.86

12. Solve:  $-3/4 + -5/4$

A.  **$-1/2$**

C.  **$-1 \frac{3}{4}$**

B. -1

D. -2

13. Add and simplify:  $-5 \frac{1}{2} + -1 \frac{7}{8}$

A.  $-3 \frac{5}{8}$

C.  $-7 \frac{3}{8}$

B.  $6 \frac{11}{8}$

D. answer not given

14. To add two numbers with the same sign, add the absolute values and \_\_\_\_\_.

A. reverse the sign

C. keep the same sign

B. always make the sign positive

D. always make the sign negative

E. answer not given

15. To add two numbers with different signs, take the difference of the absolute values and \_\_\_\_\_.

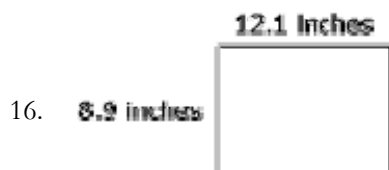
A. keep the sign of the smaller absolute value

C. always make the sign negative

B. always make the sign positive

D. keep the sign of the larger absolute value

A rectangular television screen is 12.1 inches long and 8.9 inches wide, as shown below.



Which expression could be used to ESTIMATE the area of the television screen in square inches?

A.  $8 \cdot 12$

C.  $9 \cdot 12$

B.  $8 \cdot 13$

D.  $9 \cdot 13$



20. What is the product when both the numerator **and** the denominator in the fraction  $\frac{6}{3}$  are multiplied by  $\frac{1}{3}$ ?

A.

$$\frac{1}{6}$$

C.

2

B.

$$\frac{2}{3}$$

D.

6

→ End of test ←