MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

Add.

1) $\frac{-3}{8} + \left(-\frac{7}{8}\right)$ 1) _____

A) $\frac{1}{2}$ B) $\frac{5}{4}$ C) $-\frac{5}{4}$ D) $-\frac{1}{2}$

2) $\frac{-2}{5} + \frac{1}{5}$ 2) _____

A) $-\frac{3}{5}$ B) $-\frac{1}{5}$ C) $\frac{3}{5}$ D) $\frac{1}{5}$

3) $-\frac{1}{9} + \left(-\frac{8}{9}\right)$ 3) _____

A) 1 B) $-\frac{7}{9}$ C) $\frac{7}{9}$ D) - 1

4) $-\frac{6}{7} + \frac{2}{7}$ 4) _____

A) $\frac{8}{7}$ B) $-\frac{2}{7}$ C) $-\frac{4}{7}$ D) $\frac{4}{7}$

5) $[-1 + (-12)] + [(-3) + (-16)]$ 5) _____

A) -30 B) -24 C) -32 D) -6

6) [2 + (-6)] + (-7 + 4) 6) _____

A) -7 B) 7 C) -15 D) 19

7) (-19 + 18) + (-2 + 14) 7) _____

A) -25 B) 15 C) 11 D) 49

8) -4.2 + (-7.1) + (-5.8) 8) _____

A) 5.5 B) -8.7 C) -17.1 D) 2.9

9) -6.1 + 24.5 + (-7.4) 9) _____

A) 25.8 B) 23.2 C) 38 D) 11

10) 1.1 + (-8.9) + (-7.6) 10) _____

A) -0.2 B) 17.6 C) 2.4 D) -15.4

11) -90 + 41 11) _____

A) 131 B) -49 C) 49 D) -131

12) -566 + 452 12) _____

A) 114 B) -114 C) 1018 D) -1018

13) 7 + 25 13) _____

A) 32 B) 18 C) 19 D) -18

Decide which property of addition is illustrated.

14) 4 + 8 = 8 + 4 14) _____

A) Associative B) Commutative C) Inverse D) Identity

15) (7 + 5) + 4 = (5 + 7) + 4 15) _____

A) Associative B) Identity C) Commutative D) Distributive

16) 9 + (-9) = 0 16) _____

A) Associative B) Inverse C) Commutative D) Identity

Use the indicated property to provide a new expression equal to the given expression.

17) (9 + 7) + 6; associative 17) _____

A) 9 + 7 + 6 B) (9 + 7 + 6) C) (7 + 9) + 6 D) 9 + (7 + 6)

18) 8 + (-7); commutative 18) _____

A) (-7) + 8 B) -(-7) - 8 C) (-7) - 8 D) 8 - (-7)

19) -4 + 0; identity 19) _____

A) 4 B) 1 C) -4 D) 0

20) 9 + (-9); inverse 20) _____

A) -18 B) 18 C) 0 D) 81

Write as an addition problem and find the sum.

21) Jack's checking account was overdrawn by $62. He deposited $52 into his account. What is the balance in his account? 21) _____

A) $62 + $52 = $114 B) -$62 + (-$52) = -$114

C) $62 + (-$52) = -$10 D) -$62 + $52 = -$10

22) The team gained 17 yards on the first play and lost 8 yards on the second. What was their net gain or loss? 22) _____

A) 17 + 8 = 9 yards B) 17 + 8 = 25 yards

C) 17 + (-8) = 9 yards D) 17 + (-8) = 25 yards

23) The team gained 14 yards on the first play, lost 4 yards on the second, and then gained another 7 yards on the third. What was their net gain or loss? 23) _____

A) 14 + 4 + 7 = 17 yards B) 14 + (-4) + 7 = 17 yards

C) 14 + 4 + 7 = 25 yards D) 14 + (-4) + 7 = 25 yards

24) The ground floor of a European hotel is the "0" floor of the building. It has a 44^{th} floor and 4 levels of underground parking garages. If an elevator starts on the 19^{th} floor and goes down 21 levels, where does it stop? 24) _____

A) $19 + 21 = 40$; 40^{th} floor

B) $19 + (-22) = -3$; 3^{rd} parking level below ground level

C) $19 + (-8) = 11$; 11^{th} floor

D) $19 + (-21) = -2$; 2^{nd} parking level below ground level

25) The temperature was 68 degrees in the morning, but it dropped 11 degrees in the afternoon and another 9 degrees in the evening. What was the temperature in the evening? 25) _____

A) $68 + (-11) + (-9) = 66$ degrees

B) $68 + (-11) + (-9) = 48$ degrees

C) $68 + 11 + 9 = 48$ degrees

D) $68 + 11 + 9 = 66$ degrees

Answer Key
Testname: 1.6.22 ADDTION INTEGERS POLYNOMIALS

1) C
2) B
3) D
4) C
5) C
6) A
7) C
8) C
9) D
10) D
11) B
12) B
13) A
14) B
15) C
16) B
17) D
18) A
19) C
20) C
21) D
22) C
23) B
24) D
25) B