

Name: Answers

Per: _____

Date: _____

CUMULATIVE REVIEW

Evaluate.

1. $-5 \times (-7) = \underline{35}$

2. $18 + \frac{21}{18} = \underline{(-14)}$
 $\frac{18}{14}$

3. $7 - (-15) = \underline{22}$
 $7 + 15$

4. $18 \div (-6) = \underline{(-3)}$

5. $|-9| + |7|$
 $9 + 7 = 16$

6. $-8 - 9$
 $-8 + (-9) = \underline{(-17)}$

7. $(-3)(5) = \underline{(-15)}$

8. $-|7| - |-3|$
 $-7 - 3 = \underline{(-4)}$

9. $8 - 14 = \underline{(-6)}$

10. $\frac{-45}{-9} = \underline{5}$

11. $-17 + (-5)$
 $\underline{(-22)}$

12. $(-11)(-9)$
 $\underline{99}$

13. $-|-4| - |-8|$
 $-4 - 8 = \underline{(-12)}$

14. $|-19| + |-5|$
 $\underline{24}$

15. $-18 \div 3$
 $\underline{(-6)}$

16. $(-19) + 15$
 $\underline{(-4)}$

17. $|-7| + |-5|$
 $7 + 5$
 $\underline{12}$

18. $(15)(-4)$
 $\underline{(-60)}$

19. $6 - (-16)$
 $6 + 16$
 $\underline{22}$

20. $-44 \div 11$
 $\underline{(-4)}$

21. $-9 - (-8)$
 $-9 + 8 = \underline{(-1)}$

22. $19 + (-17)$
 $\underline{2}$

23. $(-17)(-9)$
 $\underline{153}$
 $\frac{17}{9}$
 $\frac{15.3}{9}$

24. $-15 - (-8)$
 $-15 + 8 = \underline{(-3)}$

25. $3^2 + (2^3)(9 - 12)$
 $9 + 8(-3)$
 $9 + (-24) = \underline{(-15)}$

26. $40 \div (-3 - 7) + 9$
 $40 \div (-3 + (-7)) + 9$
 $40 \div (-10) + 9$
 $-4 + 9$

$\frac{24}{9}$
 $\frac{15}{15}$

$\underline{5}$

$$27. 18 + 5(5 - 9) \div 2$$

$$18 + 5(-4) \div 2$$

$$18 + (-20) \div 2$$

$$18 + (-10)$$

8

$$29. (13 - 2) \times (5 - 7) - 6$$

$$11 \times (-2) - 6$$

$$-22 - 6$$

$$-22 + (-6)$$

-28

$$28. 10 - 5^2 + (9 - 14)$$

$$10 + 25 + (-5)$$

$$35 + (-5)$$

30

$$30. 29 - (7^2 - 9) \div 5$$

$$29 - (49 - 9) \div 5$$

$$29 - 40 \div 5$$

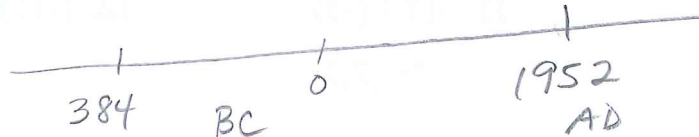
$$29 - 8$$

20

Solve.

31. Aristotle was born in 384 BC. Ron Howard was born in 1952 AD.

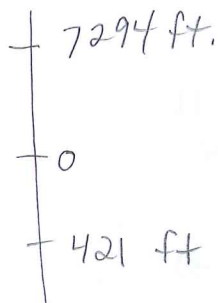
How many years apart were they born?



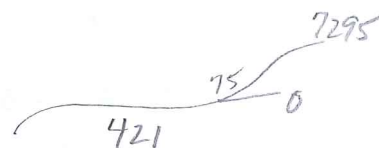
$$\begin{array}{r} 1952 \\ + 384 \\ \hline 2336 \end{array}$$

32. The Bolo Cavern outside of Vandalia is 421 ft below sea level. A little more than 75 miles away. Mt. Owens is 7295 feet above sea level.

What is the difference in elevation between the Bolo Cavern and Mt. Owens?



$$\begin{array}{r} 7294 \\ + 421 \\ \hline \underline{\underline{7675 \text{ ft}}} \end{array}$$



Multiplying and Dividing Integers

Sheet 1

Simplify.

1) $6 \times (-4) = \underline{-24}$

2) $(-105) \div 7 = \underline{-15}$

3) $117 \div 13 = \underline{9}$

4) $(-2) \times (-10) = \underline{20}$

5) $(-11) \times 5 = \underline{-55}$

6) $108 \div (-9) = \underline{-12}$

7) $(-154) \div (-14) = \underline{11}$

8) $13 \times 12 = \underline{156}$

9) $8 \times 3 = \underline{24}$

10) $(-48) \div (-6) = \underline{8}$

11) $(-40) \div 10 = \underline{-4}$

12) $4 \times (-15) = \underline{-60}$

13) $(-12) \times (-7) = \underline{84}$

14) $35 \div 5 = \underline{7}$

15) $90 \div (-15) = \underline{-6}$

16) $(-1) \times 1 = \underline{-1}$

Name : _____

Score : _____

Integers

Level 2: S2

Simplify.

1) $(-20) \times (-1) = \underline{20}$

2) $(-67) - 95 = \underline{(-162)}$
 $-67 + (-95)$

3) $89 - 66 = \underline{23}$

4) $39 + (-43) = \underline{(-4)}$

5) $42 \div (-6) = \underline{(-7)}$

6) $(-13) \times 8 = \underline{(-104)}$

7) $(-59) + 23 = \underline{(-36)}$

8) $72 \div 9 = \underline{8}$

9) $(-49) - (-33) = \underline{(-16)}$
 $-49 + 33$

10) $18 \times 4 = \underline{72}$

11) $11 \times (-5) = \underline{-55}$

12) $(-78) + (-51) = \underline{(-129)}$
 $\begin{array}{r} 78 \\ 51 \\ \hline 129 \end{array}$

13) $(-35) \div 7 = \underline{(-5)}$

14) $61 - (-39) = \underline{100}$

15) $87 + 64 = \underline{151}$

16) $(-80) \div (-8) = \underline{10}$

Name: _____

Score: _____

Integers

Level 2: S3

Simplify.

1) $75 + 99 = \underline{174}$

2) $56 \div (-7) = \underline{-8}$

3) $(-19) \div (-1) = \underline{19}$

4) $(-4) \times 12 = \underline{-48}$

5) $(-22) - 58 = \underline{-80}$

6) $(-85) + (-61) = \underline{-146}$

7) $10 \times 6 = \underline{60}$

8) $90 - 40 = \underline{50}$

9) $57 + (-32) = \underline{25}$

10) $(-14) \times (-2) = \underline{28}$

11) $(-28) - (-61) = \underline{33}$
 $-28 + 61$

12) $52 \div 4 = \underline{13}$

13) $(-32) \div 2 = \underline{-16}$

14) $94 - (-86) = \underline{180}$

15) $0 \times (-15) = \underline{0}$

16) $(-16) + 73 = \underline{57}$

Adding Integers (D)

Use an integer strategy to find each answer.

$7 + (-10) = (-3)$

$(-37) + (-20) = (-57)$

$(-6) + 35 = 29$

$2 + (-30) = (-28)$

$(-6) + (-27) = (-33)$

$14 + 21 = 35$

$35 + 36 = 71$

$(-39) + (-47) = (-86)$

$(-44) + (-40) = (-84)$

$22 + 28 = 50$

$29 + 1 = 30$

$3 + 41 = 44$

$22 + (-5) = 17$

$(-6) + 13 = 7$

$13 + 24 = 37$

$13 + (-50) = (-37)$

$(-38) + (-14) = (-52)$

$34 + (-5) = 29$

$22 + 31 = 53$

$(-47) + (-22) = (-69)$

$(-40) + 20 = (-20)$

$(-42) + 46 = 4$

$35 + 35 = 70$

$16 + 11 = 27$

$(-12) + 48 = 36$

$(-37) + (-29) = (-66)$

$24 + (-21) = 3$

$(-10) + (-24) = (-34)$

$(-16) + (-2) = (-18)$

$(-15) + 32 = 17$

Subtracting Integers (A)

Use an integer strategy to find each answer.

$$(-15) - 14 = (-29)$$

$$2 - (-8) = 10$$

$$11 - (-11) = 22$$

$$(-5) - 15 = (-20)$$

$$(-5) - 10 = (-15)$$

$$(-9) - (-1) = (-8)$$

$$13 - (-2) = 15$$

$$12 - (-4) = 16$$

$$(-8) - 1 = (-9)$$

$$(-8) - (-12) = 4$$

$$(-1) - 7 = (-8)$$

$$2 - (-11) = 13$$

$$(-2) - (-4) = 2$$

$$(-8) - 7 = (-15)$$

$$(-8) - (-4) = (-4)$$

$$(-10) - 9 = (-19)$$

$$7 - 11 = (-4)$$

$$7 - 3 = 4$$

$$7 - (-15) = 22$$

$$(-7) - 9 = (-16)$$

$$(-4) - (-5) = 1$$

$$(-13) - 1 = (-14)$$

$$(-5) - 1 = (-6)$$

$$(-7) - (-15) = 8$$

$$1 - 10 = (-9)$$

$$5 - 6 = (-1)$$

$$9 - (-4) = 13$$

$$14 - 9 = 5$$

$$1 - 6 = (-5)$$

$$(-6) - 14 = (-20)$$

