

Assignment

Date _____ Period _____

Write each as an algebraic expression.

1) the quotient of 32 and 4

2) 10 less than 18

3) d times 10

4) the quotient of x and 5

5) w increased by 12

6) 12 more than 4

7) the difference of n and 11

8) 7 more than 9

9) a divided by 6

10) 5 squared

11) 8 times 5

12) 13 decreased by a

13) the sum of 11 and a

14) the quotient of 12 and b

15) 9 increased by c

16) 29 decreased by p

17) 4 squared

18) 2 increased by 5

19) the product of x and 9

20) 29 minus 12

21) the sum of 10 and 11

22) 10 minus 8

23) 18 minus 8

24) y increased by 6

25) 5 times 9

26) 9 squared

27) the quotient of 28 and 4

28) the sum of 4 and 6

29) b increased by 5

30) the product of 10 and p

31) the quotient of 49 and v

32) t increased by 9

33) n decreased by 3

34) the quotient of k and 6

35) the product of c and 5

36) b decreased by 11

37) 10 squared

38) the sum of 4 and y

39) the difference of 19 and 7

40) x more than 2

41) 10 less than 12

42) the difference of n and 16

43) the quotient of 80 and b

44) 2 cubed

45) 4 cubed

46) 40 divided by 8

47) 3 cubed

48) the difference of 21 and 3

49) 12 times 11

50) 6 squared

Evaluate each expression.

51) $(4 + 2 \times 2 \times 2 + 8) \div 5$

52) $4 + 5 + (10 \times 2) \div 5 - 2$

$$53) 15 \div (4 + 1)(5 - 2) + 1$$

$$54) (1 + 3) \div (2 \times 2 - 2) + 4$$

$$55) (9 + 3) \div 2 - (2 - (4 - 4))$$

$$56) 5^2 - (12 + 10 - 2) \div 5$$

$$57) 12 \div (1 + 2) + 5 \times 2 + 6$$

$$58) (1 + 4 + 3) \div 4(5 - 2)$$

$$59) 6 - 3 + 5 \div 5 \times 4 - 4$$

$$60) 2 \times (6 - 5) \times 3 \times 2 \times 4$$

$$61) ((13 - 4) \times 2 \times 2) \div (2 + 4)$$

$$62) 2 \times 5 - 4 + 2^2 + 3$$

$$63) 5 + 4 - 4 - 2(6 - 4)$$

$$64) (7 + 14 + 3) \div 2^2 - 4$$

$$65) ((6 + 4) \times 2) \div (6 - 1)$$

$$66) 4(6 - (3 \times 2) \div (4 - 2))$$

$$67) (10 + 3 \times 3 - 1) \div (3 \times 2)$$

$$68) 6 \times 4 + 3 - 6 - (5 - 2)$$

$$69) 2 \times 4 + 3 - (6 - (4 + 1))$$

$$70) 3 - 1 + (3 - 2) \times 6 - 1$$

$$71) 2 + (4 + 3)(5 + 2 - 4)$$

$$72) 4 \div (2 + 4 - 3 + 4 - 5)$$

$$73) (4 \times 2) \div 4$$

$$74) 4 + 16 \div (4 + 4 - 4) \times 6$$

$$75) (2 \times 3 - (4 + 3 - 4)) \times 5$$

$$76) 5 \times 3 + 10 \div 2 - (1 + 1)$$

$$77) (5 \times 2)^2 - 2 \times 4 \times 6$$

$$78) (2 \times 2 \times 2) \div (2(1 + 1))$$

79) $4 \times 4 \times 18 \div (1^2 \times 6)$

80) $(4 + 3 - (6 - 2 \times 2)) \div 5$

81) $(2 + 1)^2 - 18 \div 3 + 2$

82) $(6 + 1 + 4) \times (3 \times 2) \div 6$

83) $3 + 5 - (14 + 16) \div (3 \times 2)$

84) $6^2 - 6 + 5 - 2 + 5$

85) $4 \times 6 - 5 \times 3 - (2 + 3)$

86) $4 \div (5 - (1 + 4 - 3 - 1))$

87) $((10 + 2) \times 2) \div (6 - 2)$

88) $6 \times 5 + 4 - 3 - 4 \times 2$

89) $15 \div 3 \times 3 - 2 + 3 + 6$

90) $4 \times (7 - 5) \div 2 + 6 - 4$

91) $2(6 - (11 - 3) \div (2 + 2))$

92) $(8 \times 2 - 4) \div 2 \times 2 + 6$

93) $15 \div (3 \times (4 - 3)(3 - 2))$

94) $((12 \div 3)^2 + 5) \times 3 - 6$

95) $(2 \times 5 - (4 - 4) \times 4) \times 5$

96) $3 \times 3 - (9 \div 3 - 12 \div 4)$

97) $12 \div 6(2 \times 2 + 4^2)$

98) $(17 - (7 - 5)) \div (5 - 2) + 6$

99) $(15 \times 2) \div (2 + 4 + 2 - 3)$

100) $(4 \times 2) \div (6 - 4)^2 - 1$

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$$\frac{32}{4}$$

3) d times 10

$$d \cdot 10$$

5) w increased by 12

$$w + 12$$

7) the difference of n and 11

$$n - 11$$

9) a divided by 6

$$\frac{a}{6}$$

11) 8 times 5

$$8 \cdot 5$$

13) the sum of 11 and a

$$11 + a$$

15) 9 increased by c

$$9 + c$$

17) 4 squared

$$4^2$$

19) the product of x and 9

$$x \cdot 9$$

21) the sum of 10 and 11

$$10 + 11$$

23) 18 minus 8

$$18 - 8$$

25) 5 times 9

$$5 \cdot 9$$

2) 10 less than 18

$$18 - 10$$

4) the quotient of x and 5

$$\frac{x}{5}$$

6) 12 more than 4

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$$13 - a$$

14) the quotient of 12 and b

$$\frac{12}{b}$$

16) 29 decreased by p

$$29 - p$$

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$$c \cdot 5$$

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$$4^3$$

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28) the sum of 4 and 6

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48) the difference of 21 and 3

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50) 6 squared

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Evaluate each expression.

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$$4$$

52) $4 + 5 + (10 \times 2) \div 5 - 2$

$$11$$

$53) 15 \div (4 + 1)(5 - 2) + 1$

10

$55) (9 + 3) \div 2 - (2 - (4 - 4))$

4

$57) 12 \div (1 + 2) + 5 \times 2 + 6$

20

$59) 6 - 3 + 5 \div 5 \times 4 - 4$

3

$61) ((13 - 4) \times 2 \times 2) \div (2 + 4)$

6

$63) 5 + 4 - 4 - 2(6 - 4)$

1

$65) ((6 + 4) \times 2) \div (6 - 1)$

4

$67) (10 + 3 \times 3 - 1) \div (3 \times 2)$

3

$69) 2 \times 4 + 3 - (6 - (4 + 1))$

10

$71) 2 + (4 + 3)(5 + 2 - 4)$

23

$73) (4 \times 2) \div 4$

2

$75) (2 \times 3 - (4 + 3 - 4)) \times 5$

15

$77) (5 \times 2)^2 - 2 \times 4 \times 6$

52

$54) (1 + 3) \div (2 \times 2 - 2) + 4$

6

$56) 5^2 - (12 + 10 - 2) \div 5$

21

$58) (1 + 4 + 3) \div 4(5 - 2)$

6

$60) 2 \times (6 - 5) \times 3 \times 2 \times 4$

48

$62) 2 \times 5 - 4 + 2^2 + 3$

13

$64) (7 + 14 + 3) \div 2^2 - 4$

2

$66) 4(6 - (3 \times 2) \div (4 - 2))$

12

$68) 6 \times 4 + 3 - 6 - (5 - 2)$

18

$70) 3 - 1 + (3 - 2) \times 6 - 1$

7

$72) 4 \div (2 + 4 - 3 + 4 - 5)$

2

$74) 4 + 16 \div (4 + 4 - 4) \times 6$

28

$76) 5 \times 3 + 10 \div 2 - (1 + 1)$

18

$78) (2 \times 2 \times 2) \div (2(1 + 1))$

2

$79) 4 \times 4 \times 18 \div (1^2 \times 6)$

48

$81) (2 + 1)^2 - 18 \div 3 + 2$

5

$83) 3 + 5 - (14 + 16) \div (3 \times 2)$

3

$85) 4 \times 6 - 5 \times 3 - (2 + 3)$

4

$87) ((10 + 2) \times 2) \div (6 - 2)$

6

$89) 15 \div 3 \times 3 - 2 + 3 + 6$

22

$91) 2(6 - (11 - 3) \div (2 + 2))$

8

$93) 15 \div (3 \times (4 - 3)(3 - 2))$

5

$95) (2 \times 5 - (4 - 4) \times 4) \times 5$

50

$97) 12 \div 6(2 \times 2 + 4^2)$

40

$99) (15 \times 2) \div (2 + 4 + 2 - 3)$

6

$80) (4 + 3 - (6 - 2 \times 2)) \div 5$

1

$82) (6 + 1 + 4) \times (3 \times 2) \div 6$

11

$84) 6^2 - 6 + 5 - 2 + 5$

38

$86) 4 \div (5 - (1 + 4 - 3 - 1))$

1

$88) 6 \times 5 + 4 - 3 - 4 \times 2$

23

$90) 4 \times (7 - 5) \div 2 + 6 - 4$

6

$92) (8 \times 2 - 4) \div 2 \times 2 + 6$

18

$94) ((12 \div 3)^2 + 5) \times 3 - 6$

57

$96) 3 \times 3 - (9 \div 3 - 12 \div 4)$

9

$98) (17 - (7 - 5)) \div (5 - 2) + 6$

11

$100) (4 \times 2) \div (6 - 4)^2 - 1$

1