

Name:
Grade:

Date:

Write each verbal expression as an algebraic expression.

1) 11 decreased by n

$$11 - n$$

2) the product of x and 6

$$x \cdot 6$$

3) the quotient of n and 8

$$\frac{n}{8}$$

4) the product of 10 and 7

$$10 \cdot 7$$

5) n plus 9

$$n + 9$$

6) half of 20

$$\frac{20}{2}$$

7) the quotient of x and 7

$$\frac{x}{7}$$

8) p times 12

$$p \cdot 12$$

9) the sum of 3 and 5

$$3 + 5$$

10) the sum of 12 and 11

$$12 + 11$$

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Write each verbal expression as an algebraic expression.

1) the quotient of 30 and 6

$$\frac{30}{6}$$

2) 13 less than 27

$$27 - 13$$

3) 9 squared

$$9^2$$

4) 8 increased by 8

$$8 + 8$$

5) w divided by 6

$$\frac{w}{6}$$

6) n less than 25

$$25 - n$$

7) the difference of 11 and 4

$$11 - 4$$

8) 14 less than m

$$m - 14$$

9) 6 times r

$$6r$$

10) 14 less than 22

$$22 - 14$$

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Write each verbal expression as an algebraic expression.

1) 63 divided by 7

$$\frac{63}{7}$$

2) z less than 15

$$15 - z$$

3) 18 minus 15

$$18 - 15$$

4) 11 increased by a number

$$11 + n$$

5) the difference of 27 and 21

$$27 - 21$$

6) the sum of a number and 11

$$n + 11$$

7) the quotient of a number and 7

$$\frac{n}{7}$$

8) the product of a number and 10

$$n \cdot 10$$

9) the product of 8 and a number

$$8n$$

10) 13 less than 19

$$19 - 13$$

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Write each verbal expression as an algebraic expression.

1) the sum of a number and 11

$$n + 11$$

2) 6 more than 7

$$7 + 6$$

3) 13 minus d

$$13 - d$$

4) the sum of n and 12

$$n + 12$$

5) 12 less than 16

$$16 - 12$$

6) 64 divided by b

$$\frac{64}{b}$$

7) the sum of k and 9

$$k + 9$$

8) v plus 10

$$v + 10$$

9) a number increased by 6

$$n + 6$$

10) 16 decreased by 3

$$16 - 3$$

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Write each verbal expression as an algebraic expression.

1) 6 times 5

$$6 \cdot 5$$

2) 25 decreased by 4

$$25 - 4$$

3) 5 times 5

$$5 \cdot 5$$

4) 12 divided by 6

$$\frac{12}{6}$$

5) 30 minus 10

$$30 - 10$$

6) 2 plus 11

$$2 + 11$$

7) twice 6

$$2 \cdot 6$$

8) 4 increased by 9

$$4 + 9$$

9) twice 9

$$2 \cdot 9$$

10) the difference of 29 and 5

$$29 - 5$$

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Write each verbal expression as an algebraic expression.

1) x minus 24 is 40

$$x - 24 = 40$$

2) the product of n and 7 is greater than or equal to 7

$$n \cdot 7 \geq 7$$

3) 9 less than n is less than or equal to 7

$$n - 9 \leq 7$$

4) 7 to the m is 6

$$7^m = 6$$

5) the quotient of k and 3 is equal to 49

$$\frac{k}{3} = 49$$

6) the quotient of x and 5 is 18

$$\frac{x}{5} = 18$$

7) 7 more than m is equal to 44

$$m + 7 = 44$$

8) the difference of n and 22 is less than 41

$$n - 22 < 41$$

9) 11 more than n is less than 25

$$n + 11 < 25$$

10) the x power of 11 is 44

$$11^x = 44$$

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Write each verbal expression as an algebraic expression.

1) the quotient of a number and 4 is 5

$$\frac{n}{4} = 5$$

2) the quotient of a number and 2 is greater than or equal to 46

$$\frac{n}{2} \geq 46$$

3) twice a number is less than 11

$$2n < 11$$

4) a number cubed is greater than or equal to 12

$$n^3 \geq 12$$

5) 10 more than a number is greater than 50

$$n + 10 > 50$$

6) the sum of a number and 8 is equal to 16

$$n + 8 = 16$$

7) a number cubed is equal to 7

$$n^3 = 7$$

8) a number cubed is less than or equal to 46

$$n^3 \leq 46$$

9) the quotient of a number and 8 is equal to 9

$$\frac{n}{8} = 9$$

10) a number minus 5 is less than 28

$$n - 5 < 28$$

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Write each verbal expression as an algebraic expression.

1) x cubed is equal to 39

$$x^3 = 39$$

2) the product of n and 9 is equal to 40

$$n \cdot 9 = 40$$

3) a number decreased by 12 is less than 11

$$n - 12 < 11$$

4) 27 less than x is 31

$$x - 27 = 31$$

5) m to the 2nd is 39

$$m^2 = 39$$

6) d times 10 is 9

$$d \cdot 10 = 9$$

7) the sum of a number and 8 is less than or equal to 41

$$n + 8 \leq 41$$

8) twice a number is equal to 7

$$2n = 7$$

9) the quotient of n and 7 is less than 9

$$\frac{n}{7} < 9$$

10) the n power of 7 is greater than or equal to 15

$$7^n \geq 15$$

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Write each verbal expression as an algebraic expression.

1) twice t is 32

- *A) $2t = 32$ B) $2 + t = 32$ C) $t^2 = 32$ D) $\frac{t}{2} \geq 32$

2) y plus 8 is greater than or equal to 25

- A) $\frac{8}{y} \geq 25$ B) $y - 8 \geq 25$ C) $8y \geq 25$ *D) $y + 8 \geq 25$

3) 21 less than n is 34

- A) $n^{21} > 34$ B) $21 - n > 34$ C) $n + 21 = 34$ *D) $n - 21 = 34$

4) d minus 21 is 42

- A) $\frac{21}{2} = 42$ B) $21 + d = 42$ *C) $d - 21 = 42$ D) $21^d = 42$

5) v plus 7 is equal to 9

- A) $v - 7 = 9$ B) $7v = 9$ C) $v^3 = 9$ *D) $v + 7 = 9$

6) 2 squared

- A) $\frac{n}{2}$ B) $n - 2 < 20$ *C) 2^2 D) $n - 2 \geq 16$

7) x times 10 is equal to 13

- A) $\frac{x}{10} = 13$ *B) $x \cdot 10 = 13$ C) $x - 10 = 13$ D) $\frac{10}{x}$

8) the product of b and 7 is equal to 17

- A) $b - 7 = 17$ *B) $b \cdot 7 = 17$ C) $\frac{7}{b} = 17$ D) $7 - b = 17$

9) the sum of 2 and 5

- A) $2 \cdot 5 \geq 47$ B) $5 - 2$ C) $5 \cdot 2$ *D) $2 + 5$

10) twice r

- A) $\frac{2}{r}$ *B) $2r$ C) $\frac{r}{2}$ D) $2 + r$

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Write each verbal expression as an algebraic expression.

1) a number increased by 10 is less than or equal to 27

- A) $10^n \leq 27$ B) $n - 10 \leq 27$ C) $10 - n < 27$ *D) $n + 10 \leq 27$

2) a number plus 12 is equal to 26

- A) $\frac{12}{2} = 26$ B) $12^2 \geq 26$ *C) $n + 12 = 26$ D) $2n = 26$

3) a number times 12 is equal to 21

- *A) $n \cdot 12 = 21$ B) $12^n = 21$ C) $n - 12 = 21$ D) $12 - n = 21$

4) 2 cubed

- A) $3 \cdot 2 < 48$ *B) 2^3 C) 3^3 D) $3 + 2$

5) 4 to the n

- *A) 4^n B) n^4 C) $n + 4$ D) $\frac{4}{n} < 35$

6) the product of 6 and a number

- A) 6^n *B) $6n$ C) $\frac{6}{n}$ D) $6 + n$

7) the sum of a number and 5 is 5

- A) $n - 5 = 5$ *B) $n + 5 = 5$ C) $\frac{n}{5} = 5$ D) $\frac{5}{n} = 5$

8) 6 more than a number is 50

- *A) $n + 6 = 50$ B) $n - 6 = 50$ C) $6^2 \geq 50$ D) $\frac{6}{n} = 50$

9) the n power of 3

- A) $3 - n$ B) n^3 *C) 3^n D) $2n$

10) 24 decreased by 4

- A) 24^3 *B) $24 - 4$ C) $4 - 24$ D) $24 + 4$

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Write each verbal expression as an algebraic expression.

1) d times 11 is greater than 37

- A) $11^3 > 37$ B) $11^d > 37$ *C) $d \cdot 11 > 37$ D) $11^2 > 37$

2) d increased by 12

- A) 12^d *B) $d + 12$ C) $d \cdot 12$ D) $d - 12$

3) 29 minus p

- *A) $29 - p$ B) $29 + p$ C) p^3 D) $p - 29 \geq 27$

4) the quotient of a number and 4 is greater than 37

- A) $n \cdot 4 > 37$ *B) $\frac{n}{4} > 37$ C) $\frac{4}{n} > 37$ D) $\frac{4}{n} < 37$

5) the difference of x and 3 is less than or equal to 32

- A) $3 - x \leq 32$ *B) $x - 3 \leq 32$ C) $\frac{3}{2}$ D) $3 - x > 32$

6) 6 more than b is equal to 45

- A) 6^2 *B) $b + 6 = 45$ C) $\frac{b}{6} = 45$ D) $b - 6$

7) n cubed is 41

- A) $3 - n = 41$ *B) $n^3 = 41$ C) $3n = 41$ D) $3^3 = 41$

8) 14 to the x is less than or equal to 45

- A) $x - 14 \leq 45$ B) $x^{14} \leq 45$ C) $x + 14 \leq 45$ *D) $14^x \leq 45$

9) 9 more than p is less than or equal to 6

- *A) $p + 9 \leq 6$ B) $\frac{9}{p} \leq 6$ C) $2p \geq 6$ D) $9^2 \leq 6$

10) q squared is greater than 24

- A) $q - 2 > 24$ B) $2^2 > 24$ C) $q + 2 > 24$ *D) $q^2 > 24$

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Write each verbal expression as an algebraic expression.

1) the product of t and 11 is equal to 46

- *A) $t \cdot 11 = 46$ B) $11^3 = 46$ C) $11 - t = 46$ D) $11 + t = 46$

2) the difference of n and 9 is greater than 20

- A) $9 - n > 20$ *B) $n - 9 > 20$ C) $n^9 > 20$ D) $\frac{9}{n} > 20$

3) the quotient of a and 8 is less than 10

- A) $8 + a < 10$ *B) $\frac{a}{8} < 10$ C) $a \cdot 8 < 10$ D) $\frac{8}{a} < 10$

4) the quotient of d and 3 is equal to 16

- *A) $\frac{d}{3} = 16$ B) $d - 3 < 16$ C) $d - 3 = 16$ D) $3 + d = 16$

5) 11 more than a number is less than 38

- A) $\frac{11}{n} < 38$ B) $11 - n < 38$ C) $11 - n$ *D) $n + 11 < 38$

6) w decreased by 15 is greater than or equal to 15

- *A) $w - 15 \geq 15$ B) $w + 15 \geq 15$ C) $\frac{15}{w} \geq 15$ D) $15 - w < 15$

7) n minus 23 is greater than or equal to 38

- A) $23 - n \geq 38$ B) $\frac{23}{n} \geq 38$ *C) $n - 23 \geq 38$ D) $23 + n \geq 38$

8) the 5th power of x is greater than or equal to 46

- A) $2x \geq 46$ B) $5^x \leq 46$ C) $5^x \geq 46$ *D) $x^5 \geq 46$

9) the quotient of a number and 7 is 25

- A) $7 - n = 25$ *B) $\frac{n}{7} = 25$ C) $7^n = 25$ D) $\frac{7}{n} = 25$

10) r minus 5 is 29

- A) $\frac{r}{2} = 29$ *B) $r - 5 = 29$ C) $5 - r = 29$ D) $r^5 = 29$