

Name: Class:

Write numerical expressions: two operations

Write an expression for the following sentences given below (do not evaluate).

a. The difference of 28 and 6 added to 42

b. 3 more than twice 4 minus 17

c. 15 divided by the sum of 16 and 35

d. 12 times 21 minus 7

e. 20 time 2 raised to the 5th power

f. 9 divided by 3 cubed

g. 24 divided by the difference of 12 and 6



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Write numerical expressions: two operations

Write an expression for the following sentences given below (do not evaluate).

- a. The difference of 28 and 6 added to 42

We must first of all identify the key words

The **difference** of 28 and 6 **added** to 42

Then, use these keywords to turn the description into an expression

the difference of 28 and 6 added to 42

$$(28 - 6) + 42$$

- b. 3 more than twice 4 minus 17

Let's first of all find the keyword.

3 **more** than **twice** 4 **minus** 17

Now, let's use the keyword to turn the sentence into an expression

$$3 + (2 \times 4) - 17$$

- c. 15 divided by the sum of 16 and 35

$$\frac{15}{16 + 35}$$

- d. 12 times 21 minus 7

$$12 \times (21 - 7)$$

- e. 20 time 2 raised to the 5
- th
- power

$$(20 \times 2)^5$$

- f. 9 divided by 3 cubed

$$9 \div (3)^3$$

- g. 24 divided by the difference of 12 and 6

$$\frac{24}{(12 - 6)}$$

