

Here are some multiplications. In each case, use the same numbers to write down two correct division expressions.

a $5 \times -3 = -15$ **b** $-8 \times -4 = 32$ **c** $-6 \times 7 = -42$

a

b

c

Here is a multiplication table. Three answers have already been filled in.

\times	-3	-2	-1	0	1	2	3
3						6	
2							
1		-2					
0							
-1	3						
-2							
-3							

Write down the missing numbers.

a $4 \times \square = -20$ **b** $\square \div -2 = -6$ **c** $\square - -5 = -2$ **d** $\square \times -3 = 12$
e $-2 + \square = 2$ **f** $\square - 4 = -3$

ALGEBRA Evaluate pqr if $p = -3$, $q = 4$, and $r = -1$.

ALGEBRA Evaluate each expression if $f = -1$, $g = 7$, and $h = -10$.

12. $5f$

13. $fg h$

The temperature drops 2 degrees per hour for 3 hours. Which expression does NOT describe the change in temperature?

- A. $-2(3)$
- B. $-2 + (-2) + (-2)$
- C. $-2 - 2 - 2$
- D. $2(3)$

ALGEBRA Evaluate each expression if $d = -9$, $f = 36$, and $g = -6$.

34. $\frac{-f}{d}$

35. $\frac{12 - (-f)}{-g}$

36. $\frac{f^2}{d^2}$

37. $g^2 \div f$

DISPLAYS A display of cereal boxes has one box in the top row, two boxes in the second row, three boxes in the third row, and so on, as shown. How many rows of boxes will there be in a display of 45 boxes?

