

Multiplying and Dividing Negative Numbers

1

Work out -4×6

are the signs the same or different?

-

+

→

-

the numbers

$4 \times 6 =$

24

Answer

2

Work out -3×-5

are the signs the same or different?

-

-

→

+

the numbers

$3 \times 5 =$

Answer

3

Work out 7×-2

are the signs the same or different?

+

-

→

the numbers

$7 \times 2 =$

Answer

4

Work out -8×-4

are the signs the same or different?

-

-

→

the numbers

$8 \times 4 =$

Answer

5

Work out $-20 \div 5$

-

+

→

$20 \div 5 =$

Answer

6

Work out $-36 \div -9$

-

-

→

$36 \div 9 =$

Answer

7

The temperature falls by 3°C every hour. Write the change after 5 hours as a calculation and work it out.

Answer

8

Two numbers multiply to make -24 . One of them is 6. What is the other?

Answer

Multiplying and Dividing Negative Numbers *further practice*

9

Work out $-63 \div -9$

Answer

10

Complete the multiplication grid.

x	-3	5
-4		
6		

Answer

11

Which is bigger, -5×4 or $-36 \div 2$? Show how you know.

Answer

12

Find the missing number.

$\div -4 = 6$

Answer

13

A submarine starts at the surface of the sea. It goes down to a height of -120 m in 6 equal stages. Write the change in height for each stage as a negative number.

Answer

14

In a quiz, a right answer scores 3 points and a wrong answer scores -2 points. Mo gets 3 answers right and 6 answers wrong. What is his total score?

Answer

15

The temperature at midnight on four nights was -3°C , -5°C , 2°C and -6°C . Work out the mean temperature.

Answer

16

Kim says that when you multiply three negative numbers the answer is positive, because two negatives make a positive. Is Kim right? Explain, using $-1 \times -2 \times -3$

Answer