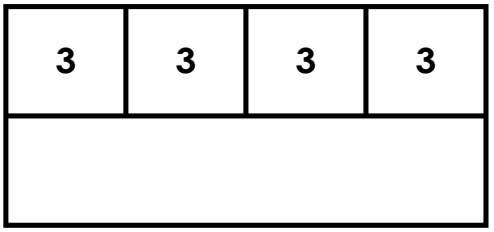
Name: _____

Multiplication With Bar Models

Complete the bar models. Then write a repeated addition and multiplication fact for each.

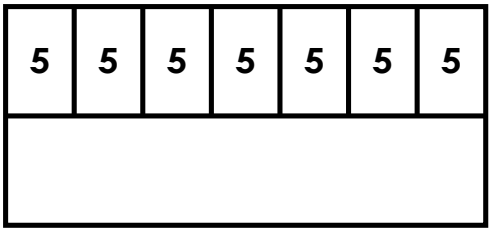
a.



___ + ___ + ___ + ___ = ___

_____ × _____ = _____

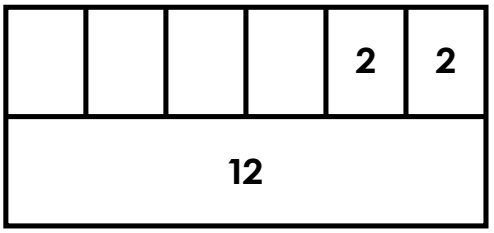
b.



___ + ___ + ___ + ___ + ___ + ___ + ___ = ___

_____ × _____ = _____

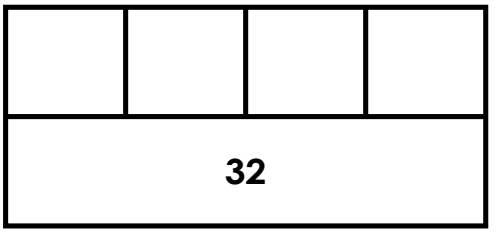
c.



___ + ___ + ___ + ___ + ___ + ___ = ___

_____ × _____ = _____

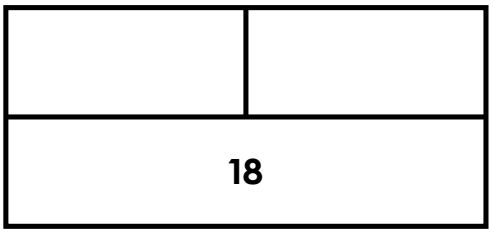
d.



___ + ___ + ___ + ___ = ___

_____ × _____ = _____

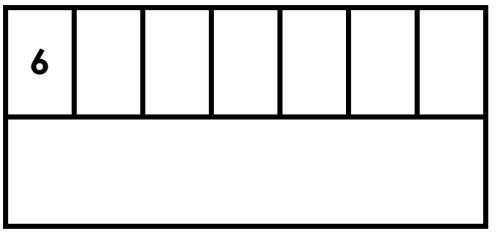
e.



_____ + _____ = _____

_____ × _____ = _____

f.



___ + ___ + ___ + ___ + ___ + ___ + ___ = ___

_____ × _____ = _____

g. Draw a bar model to show 4 × 4.

___ + ___ + ___ + ___ = ___

_____ × _____ = _____

h. Draw a bar model to show 8 × 2.

___ + ___ + ___ + ___ + ___ + ___ + ___ + ___ = ___

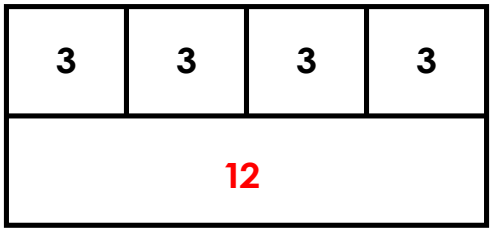
_____ × _____ = _____

ANSWER KEY

Multiplication With Bar Models

Complete the bar models. Then write a repeated addition and multiplication fact for each.

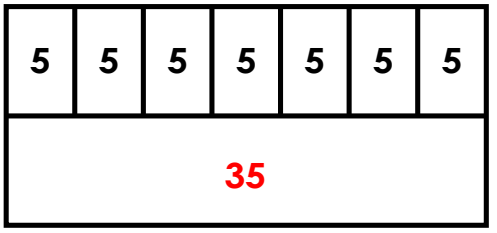
a.



3 + 3 + 3 + 3 = 12

4 × 3 = 12 or 3 × 4 = 12

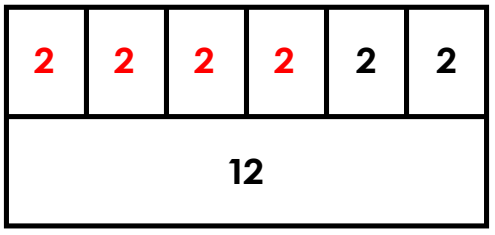
b.



5 + 5 + 5 + 5 + 5 + 5 + 5 = 35

7 × 5 = 35 or 5 × 7 = 35

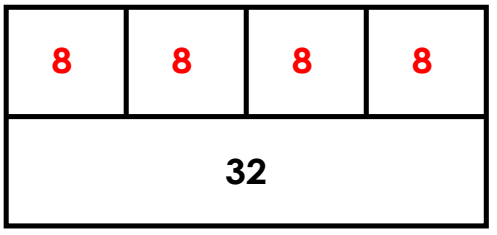
c.



2 + 2 + 2 + 2 + 2 + 2 = 12

6 × 2 = 12 or 2 × 6 = 12

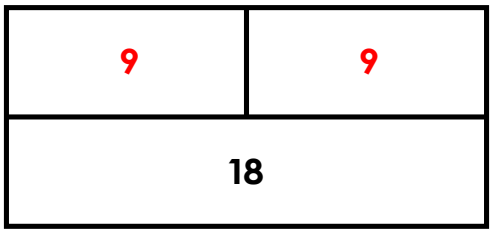
d.



8 + 8 + 8 + 8 = 32

4 × 8 = 32 or 8 × 4 = 32

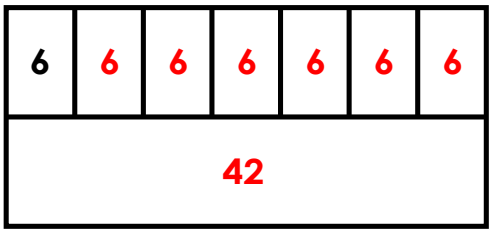
e.



9 + 9 = 18

2 × 9 = 18 or 9 × 2 = 18

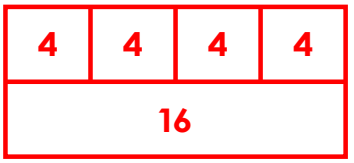
f.



6 + 6 + 6 + 6 + 6 + 6 + 6 = 42

7 × 6 = 42 or 6 × 7 = 42

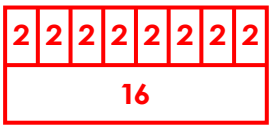
g. Draw a bar model to show 4 × 4.



4 + 4 + 4 + 4 = 16

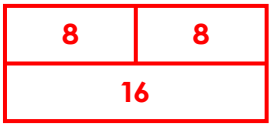
4 × 4 = 16

h. Draw a bar model to show 8 × 2.



or

also accept:



2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 = 16

8 × 2 = 16

TL