

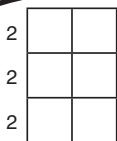
Name _____

Date _____

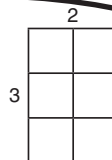
Area: solving with multiplication and addition

Smart Snakes

Write two equations to find the area of each shape.



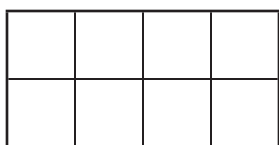
Add the tiles
in each row.
 $2 + 2 + 2 = 6$ sq. units



Multiply the tiles
on each side.
 $2 \times 3 = 6$ sq. units



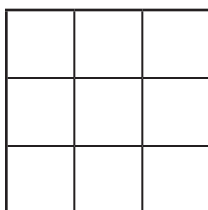
A



___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

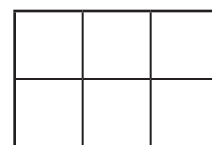
B



___ + ___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

C



___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

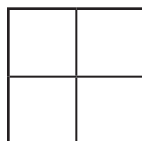
D



___ + ___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

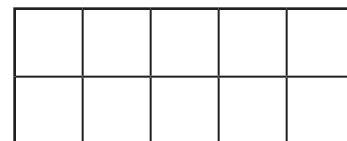
E



___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

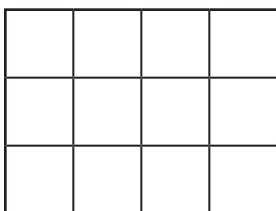
F



___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

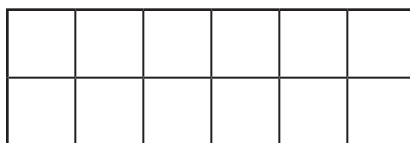
G



___ + ___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

H



___ + ___ = ___ sq. units

___ X ___ = ___ sq. units

Bonus: Which method of finding area do you prefer, addition or multiplication? Explain.



“Smart Snakes”

Answer Key

A. $4 + 4 = 8$ sq. units
 $4 \times 2 = 8$ sq. units

B. $3 + 3 + 3 = 9$ sq. units
 $3 \times 3 = 9$ sq. units

C. $3 + 3 = 6$ sq. units
 $3 \times 2 = 6$ sq. units

D. $1 + 1 + 1 = 3$ sq. units
 $1 \times 3 = 3$ sq. units

E. $2 + 2 = 4$ sq. units
 $2 \times 2 = 4$ sq. units

F. $5 + 5 = 10$ sq. units
 $5 \times 2 = 10$ sq. units

G. $4 + 4 + 4 = 12$ sq. units
 $4 \times 3 = 12$ sq. units

H. $6 + 6 = 12$ sq. units
 $6 \times 2 = 12$ sq. units

Bonus: Answers
will vary.