

Grade 3 Unit 1

Lesson 14

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Unit 1 Lesson 14: Write and Solve Equations with Unknowns

WU Number Talk: Fives (Warm up)

Student Task Statement

Find the value of each expression mentally.

- 1×5
- 2×5
- 3×5
- 4×5

1 Card Sort: Unknown Numbers

Student Task Statement

Your teacher will give you a set of cards. Match each equation with a situation or diagram.

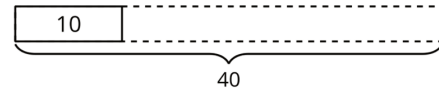
Card Sort: Unknown Numbers

A

$$3 \times \underline{\quad} = 6$$

Card Sort: Unknown Numbers

B



Card Sort: Unknown Numbers

C

$$8 \times 5 = ?$$

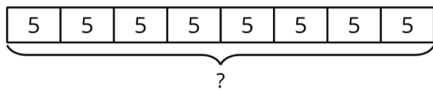
Card Sort: Unknown Numbers

D

There are 5 boxes of crayons.
Each box has 10 crayons in it.

Card Sort: Unknown Numbers

E



Card Sort: Unknown Numbers

F

$$5 \times 10 = ?$$

Card Sort: Unknown Numbers

G

There are 8 boxes and each
box has some blankets in it.
There are 16 blankets altogether.

Card Sort: Unknown Numbers

H

$$? \times 10 = 40$$

Card Sort: Unknown Numbers

I

$$? \times 5 = 25$$

Card Sort: Unknown Numbers

J

Han has some bags of peaches.
Each bag has 5 peaches in it.
Han has 25 peaches.

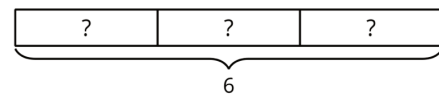
Card Sort: Unknown Numbers

K

$$8 \times \underline{\quad} = 16$$

Card Sort: Unknown Numbers

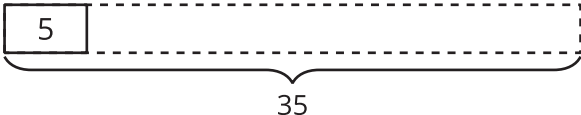
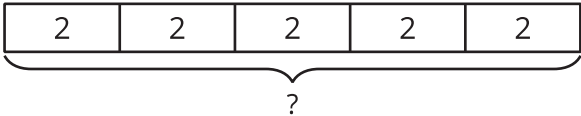
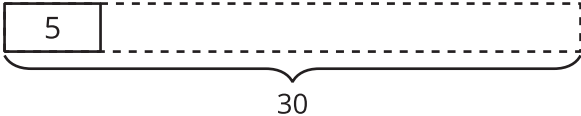
L



2 Write Equations with an Unknown Number

Student Task Statement

- Write an equation to represent each diagram or situation. Use a symbol for the unknown. Be prepared to share your reasoning.
- Find the number that makes each equation true. Rewrite the equation with the solution.

diagram or situation	equation with symbol	equation with solution
		
<p>Jada has some packs of sports cards. Each pack has 5 cards. If Jada has 45 cards, how many packs of cards does she have?</p>		
		
		
<p>The school has 6 bags. Each bag has 10 basketballs in it. How many basketballs does the school have?</p>		