

Name _____

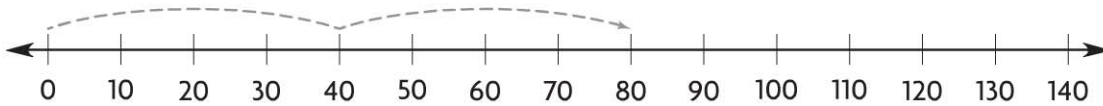
Multiplication Strategies with Multiples of 10

COMMON CORE STANDARD CC.3.NBT.3

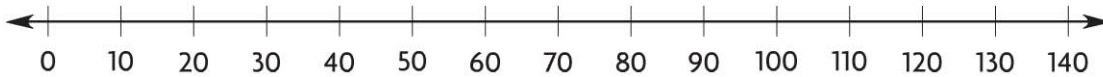
Use place value understanding and properties of operations to perform multi-digit arithmetic.

Use a number line to find the product.

1. $2 \times 40 = \underline{80}$



2. $4 \times 30 = \underline{\hspace{2cm}}$



Use place value to find the product.

$$3. \quad 5 \times 70 = 5 \times \underline{\hspace{1cm}} \text{ tens}$$

$$= \underline{\hspace{1cm}} \text{ tens} = \underline{\hspace{2cm}}$$

$$4. \quad 60 \times 4 = \underline{\hspace{1cm}} \text{ tens} \times 4$$

$$= \underline{\hspace{1cm}} \text{ tens} = \underline{\hspace{2cm}}$$

$$5. \quad 7 \times 30 = 7 \times \underline{\hspace{1cm}} \text{ tens}$$

$$= \underline{\hspace{1cm}} \text{ tens} = \underline{\hspace{2cm}}$$

$$6. \quad 90 \times 3 = \underline{\hspace{1cm}} \text{ tens} \times 3$$

$$= \underline{\hspace{1cm}} \text{ tens} = \underline{\hspace{2cm}}$$

Problem Solving

7. One exhibit at the aquarium has 5 fish tanks. Each fish tank holds 50 gallons of water. How much water do the 5 tanks hold in all?

8. In another aquarium display, there are 40 fish in each of 7 large tanks. How many fish are in the display in all?

Lesson Check (CC.3.NBT.3)

- Each bag of pattern blocks contains 50 blocks. To make a class pattern, the teacher combines 4 bags of blocks. How many pattern blocks are there in all?
 (A) 20 (C) 240
 (B) 200 (D) 250
- A deli received 8 blocks of cheese. Each block of cheese weighs 60 ounces. What is the total weight of the cheeses?
 (A) 420 ounces (C) 480 ounces
 (B) 460 ounces (D) 560 ounces

Spiral Review (CC.3.NBT.1, CC.3.NBT.2, CC.3.MD.3)

- Alan and Betty collected cans for recycling. Alan collected 154 cans. Betty collected 215 cans. How many cans did they collect in all?
 (Lesson 1.6)
 (A) 369 (C) 469
 (B) 379 (D) 479
- The third graders collected 754 cans. The fourth graders collected 592 cans. Which is the best estimate of how many more cans the third graders collected?
 (Lesson 1.8)
 (A) 50 (C) 200
 (B) 100 (D) 300

Use the bar graph for 5–6.

- How many more books did Ed read than Bob? (Lesson 2.4)
 (A) 2 (C) 4
 (B) 3 (D) 5
- How many books in all did the four students read in June? (Lesson 2.4)
 (A) 22 (C) 26
 (B) 24 (D) 36

