LESSON MAKER PRO

Tens Times Power

Use place value to multiply by tens.

GRADE 3 · 3.NBT.A.3

CCSS.Math.Content.3.NBT.A.3 "Multiply one-digit whole numbers by multiples of 10 in the range 10-90 (e.g., 9 × 80, 5 × 60) using strategies based on place value and properties of operations."

NAME _____ DATE _____

MULTIPLY WITH TENS

A multiple of 10 is made of tens. Multiply the one-digit number by the number of tens, then write the answer as that many tens.

WORKED EXAMPLE

7 x 40 = ?

1. 40 = 4 tens.
2. 7 x 4 = 28.
3. 28 tens = 280.

Answer: 280

PRACTICE 6 problems

1 3 x 20 = ?

ANSWER _____

2 6 x 50 = ?

ANSWER _____

3 4 x 70 = ?

ANSWER _____

4 8 x 30 = ?

ANSWER _____

5 9 x 60 = ?

ANSWER _____

6 2 x 90 = ?

ANSWER _____

APPLY IT Show your work

1 Mia puts 5 packs of 80 stickers into prize bags. How many stickers does she put into the bags?

WORK SPACE

ANSWER _____

2 A pet shop has 4 tanks with 90 fish in each tank. How many fish are in the tanks?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Explain two ways to find 6 x 70. What is the product?

WORK SPACE AND ANSWER

ANSWER KEY

Tens Times Power

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	3 x 20 = ?	**60**
2	6 x 50 = ?	**300**
3	4 x 70 = ?	**280**
4	8 x 30 = ?	**240**
5	9 x 60 = ?	**540**
6	2 x 90 = ?	**180**

PART 2 · APPLY IT

1. **400 stickers** Multiply 5 x 80. Since 5 x 8 = 40, 5 x 80 = 400.
2. **360 fish** Multiply 4 x 90. Since 4 x 9 = 36, 4 x 90 = 360.

CHALLENGE

420. One way: 6 x 7 = 42, so 6 x 70 = 420. Another way: 70 + 70 + 70 + 70 + 70 + 70 = 420.

Accept correct products and place-value explanations, such as naming the number of tens. For the challenge, accept any accurate method that shows 6 groups of 70 equal 420.