LESSON MAKER PRO

Tens Times Fun

Use place value to multiply by tens.

GRADE 3 · 3.PAR.3.5

3.PAR.3.5 "Use place value reasoning and properties of operations to multiply one-digit whole numbers by multiples of 10, in the range 10-90."

NAME _____ DATE _____

PART 1: PRACTICE RULE

A multiple of 10 has a zero in the ones place. Multiply the one-digit number by the tens digit, then write the product as tens by adding one zero.

WORKED EXAMPLE

Find 7 times 60.

1. 60 is 6 tens.
2. 7 times 6 = 42.
3. 42 tens = 420.

Answer: 420

PRACTICE 6 problems

1 Find 2 times 40.

ANSWER _____

2 Find 3 times 70.

ANSWER _____

3 Find 5 times 20.

ANSWER _____

4 Find 8 times 50.

ANSWER _____

5 Find 4 times 90.

ANSWER _____

6 Find 6 times 30.

ANSWER _____

APPLY IT Show your work

1 A collector puts 80 trading cards in each of 4 albums. How many trading cards are in the albums?

WORK SPACE

ANSWER _____

2 A music club gives 30 glow bracelets to each of 9 teams. How many glow bracelets does the club give away?

WORK SPACE

ANSWER _____

CHALLENGE One step up

At a game night, 5 tables each need 40 score sheets and 50 answer slips. How many papers are needed altogether?

WORK SPACE AND ANSWER

ANSWER KEY

Tens Times Fun

GRADE 3 · 3.PAR.3.5

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Find 2 times 40.	**80**
2	Find 3 times 70.	**210**
3	Find 5 times 20.	**100**
4	Find 8 times 50.	**400**
5	Find 4 times 90.	**360**
6	Find 6 times 30.	**180**

PART 2 · APPLY IT

1. **320 trading cards** Multiply 4 times 80. The albums hold 320 trading cards.
2. **270 glow bracelets** Multiply 9 times 30. The club gives away 270 glow bracelets.

CHALLENGE

450 papers

Accept correct products shown with a basic fact and a zero, such as 8 times 5 = 40, so 8 times 50 = 400. For the challenge, accept adding 40 and 50 first, then multiplying 5 times 90.