Multiplying by tens

3RD GRADE MULTIPLICATION · PRACTICE SHEET

40 is 4 tens. So 7 × 40 is 7 groups of 4 tens: 28 tens, which is 280.

A. Count the tens. Fill in the blanks.

A1



_____ groups of _____ tens is _____ tens

_____ × _____ = _____

A2



_____ groups of _____ tens is _____ tens

_____ × _____ = _____

A3



_____ groups of _____ tens is _____ tens

_____ × _____ = _____

A4



_____ groups of _____ tens is _____ tens

_____ × _____ = _____

B. Use the fact. Fill in the blanks.

B1 7 × 4 = 28, so 7 × 40 = _____ tens = _____

B2 6 × 5 = 30, so 6 × 50 = _____ tens = _____

B3 9 × 3 = 27, so 9 × 30 = _____ tens = _____

C. Story problems. Write a multiplication sentence, then solve it.

C1 A school buys 4 boxes of pencils with 60 pencils in each box. How many pencils does the school buy?

_____ × _____ = _____

C2 Each bus holds 70 children. How many children fit on 3 buses?

_____ × _____ = _____

C3 A baker makes 20 rolls a day. How many rolls does she make in 8 days?

_____ × _____ = _____

Answer key: Multiplying by tens

FOR THE GROWN-UP. EVERY ANSWER HERE WAS COMPUTED BY CODE.

The key writes each answer as tens first, the way the class does. In part C, either order of the two numbers is right.

A. Count the tens.

A1 3 groups of 2 tens is 6 tens. 3 × 20 = 60.

A2 4 groups of 3 tens is 12 tens. 4 × 30 = 120.

A3 2 groups of 5 tens is 10 tens. 2 × 50 = 100.

A4 5 groups of 4 tens is 20 tens. 5 × 40 = 200.

B. Use the fact.

B1 7 × 4 = 28, so 7 × 40 = 28 tens = 280.

B2 6 × 5 = 30, so 6 × 50 = 30 tens = 300.

B3 9 × 3 = 27, so 9 × 30 = 27 tens = 270.

C. Story problems.

C1 4 × 60 = 24 tens = 240 pencils.

C2 3 × 70 = 21 tens = 210 children.

C3 8 × 20 = 16 tens = 160 rolls.

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