ALBERT

Name _____ Date _____

Multiplying by Multiples of 10 Worksheet

Grade 3 · Common Core 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.

Practice

Builds the skill step by step.

1. 3 × 20 = ___

2. 4 × 30 = ___

3. 5 × 60 = ___

4. Which is the same as 9 × 80?

   A. 98

   B. 9 × 8 tens

   C. 9 + 80

   D. 9 × 8

5. 2 × 70 = ___

6. 6 × 10 = ___

7. Fill in the box: $7 \times 40 = 7 \times 4 \times \square$

8. $8 \times 50 =$ ___

9. Find the missing number: $\square \times 30 = 90$

10. Each box holds 20 pencils. How many pencils are in 4 boxes?

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On Level

Grade-level practice.

1. 9 × 80 = ___

2. 6 × 70 = ___

3. Find the missing number: 5 × □ = 250

4. Which product equals 360?

   A. 4 × 90

   B. 3 × 60

   C. 6 × 50

   D. 9 × 30

5. A bus has 40 seats. How many seats are on 7 buses?

6. 8 × 60 = ___

7. Fill in the box: 3 × 90 = 3 × 9 tens = □ tens

8. Find the missing number: □ × 80 = 640

9. Kai reads a 50-page book every week. How many pages does he read in 9 weeks?

10. Tim says 5 × 40 = 20. What did he do wrong?

    A. He should have divided. 5 × 40 = 8.

    B. He added instead of multiplying. 5 × 40 = 45.

    C. He found 5 × 4 but forgot the 4 is 4 tens. 5 × 40 = 200.

    D. Nothing. He is right.

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Challenge

Multi-step and word problems that stretch it.

1. Find $7 \times 30 + 7 \times 20$.

2. How much greater is 6×50 than 4×70?

3. $5 \times 80 = 400$. Use this fact to find 5×90.

4. Tickets cost 20 dollars for each adult and 10 dollars for each child. How much do tickets cost for 8 adults and 3 children?

5. What digit goes in the box? $9 \times \square 0 = 630$

6. A farmer plants 6 rows of 40 trees and 3 rows of 30 trees. How many trees does she plant?

7. Which product does NOT equal 240?

   A. 4×60

   B. 8×30

   C. 6×40

   D. 3×70

8. Ana saves 30 dollars each month for 9 months. Then she spends 150 dollars. How much money does she have left?

9. Find $2 \times 4 \times 50$.

10. Find the missing number: $\square \times 60 = 4 \times 90$