

Grade 3 · Multiplying by Multiples of 10 · Worksheet

Common Core 3.NBT.A.3 · mathovore.fr

Name: _____ Date: ____/____/____ Score: _____

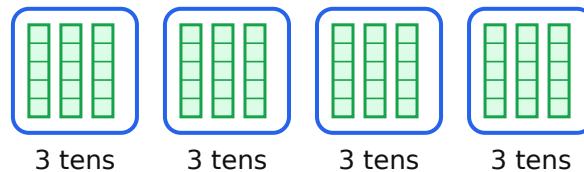
These problems practice multiplying one-digit numbers by multiples of 10, the skill in Common Core standard 3.NBT.A.3. You will count tens in pictures, use basic facts, and find missing numbers.

The last six problems are word problems. Say each multiple of 10 as a number of tens, multiply the basic fact, and then write the product.

Grade 3 Common Core: 3.NBT.A.3

Problem 1: Counting tens in rods

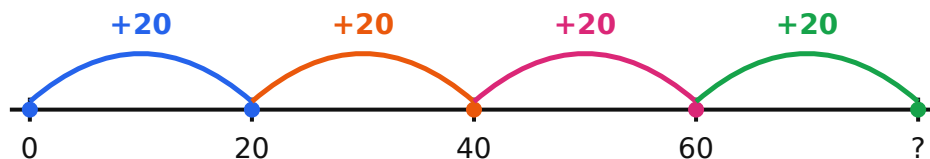
Find the total value of all the rods. Each rod is worth 10.



4 boxes with 3 tens in each box.

Problem 2: Skip counting by 20

Diego starts at 0 and jumps 20 four times. Find where he lands.



Four jumps of 20.

Problem 3: Using a basic fact

Use the fact $6 \times 4 = 24$ to find 6×40 .

Problem 4: Multiplying by 30

Find the product. 6×30

Problem 5: Multiplying by 60

Find the product. 5×60

Problem 6: Multiplying by 20

Find the product. 7×20

Problem 7: Multiplying by 40

Find the product. 8×40

Problem 8: Multiplying by 80

Find the product. 9×80

Problem 9: Multiplying by 70

Find the product. 3×70

Problem 10: Multiplying by 90

Find the product. 4×90

Problem 11: Tens first

Find the product. 70×5

Problem 12: Missing factor, tens

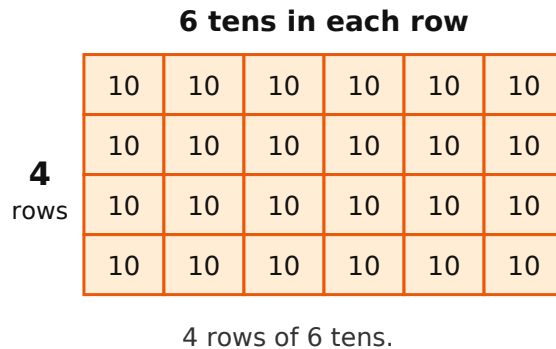
Find the missing number. $6 \times [\text{?}] = 420$

Problem 13: Missing factor, ones

Find the missing number. $[\text{?}] \times 50 = 400$

Problem 14: Tens in an array

Every square in the grid is worth 10. Find the total value of the grid.



Problem 15: Comparing products

Compare 7×30 and 6×40 . Write $<$, $>$, or $=$ in the blank.

Problem 16: Completing a pattern

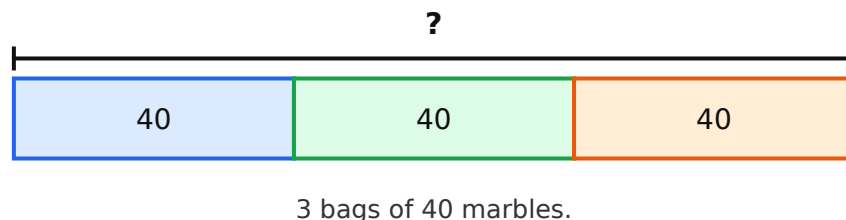
Complete the pattern. $8 \times 3 = 24$, $8 \times 30 = [\][\]$, $8 \times 60 = [\][\]$, $8 \times 90 = [\][\]$

Problem 17: Finding the mistake

Explain Aisha's mistake and fix it. She wrote $6 \times 50 = 30$.

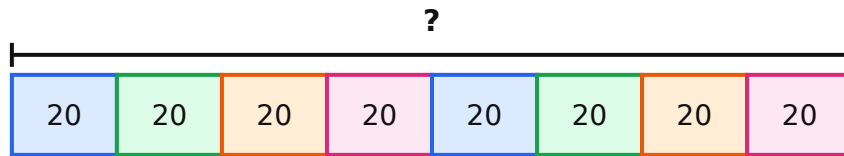
Problem 18: Bags of marbles

Maya has 3 bags of marbles. Each bag holds 40 marbles. Find how many marbles Maya has.



Problem 19: Bake sale trays

The bake sale has 8 trays of cookies. Each tray holds 20 cookies. Find how many cookies there are.



8 trays of 20 cookies.

Problem 20: Little League baseballs

The Little League gives each of its 9 teams 20 new baseballs. Find how many baseballs it gives out.

Problem 21: Farmers market baskets

At the farmers market, Priya sells 6 baskets of 30 apples. Jamal sells 5 baskets of 40 pears. Find who sells more fruit and how many more.

Problem 22: Road trip miles

Sofia's family drives 60 miles each hour for 7 hours. Then they drive 50 miles each hour for 3 hours. Find the total number of miles.

Problem 23: Sticker books

Ethan buys 6 sticker books. Each book has 80 stickers. He gives 150 stickers to his class. Find how many stickers he has left.