

Multiply by Multiples of 10

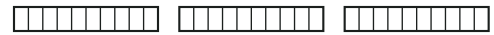
Name: _____

How it works

4×30 means 4 groups of 3 tens.

4×3 tens = 12 tens, and 12 tens is **120**.

So multiply the fact you know, $4 \times 3 = 12$, then write a zero after it: $4 \times 30 = 120$.



4 groups of 3 tens = 12 tens

A. Solve the fact, then the tens fact.

$6 \times 4 = \underline{\quad\quad}$ $6 \times 40 = \underline{\quad\quad}$

$3 \times 7 = \underline{\quad\quad}$ $3 \times 70 = \underline{\quad\quad}$

$5 \times 8 = \underline{\quad\quad}$ $5 \times 80 = \underline{\quad\quad}$

$9 \times 2 = \underline{\quad\quad}$ $9 \times 20 = \underline{\quad\quad}$

$7 \times 6 = \underline{\quad\quad}$ $7 \times 60 = \underline{\quad\quad}$

$8 \times 9 = \underline{\quad\quad}$ $8 \times 90 = \underline{\quad\quad}$

B. Multiply.

$1. \quad 2 \times 30 = \underline{\quad\quad}$ $2. \quad 5 \times 40 = \underline{\quad\quad}$ $3. \quad 60 \times 3 = \underline{\quad\quad}$ $4. \quad 4 \times 70 = \underline{\quad\quad}$

$5. \quad 6 \times 20 = \underline{\quad\quad}$ $6. \quad 50 \times 8 = \underline{\quad\quad}$ $7. \quad 7 \times 30 = \underline{\quad\quad}$ $8. \quad 9 \times 40 = \underline{\quad\quad}$

$9. \quad 90 \times 4 = \underline{\quad\quad}$ $10. \quad 6 \times 60 = \underline{\quad\quad}$ $11. \quad 3 \times 80 = \underline{\quad\quad}$ $12. \quad 70 \times 7 = \underline{\quad\quad}$

$13. \quad 5 \times 90 = \underline{\quad\quad}$ $14. \quad 8 \times 80 = \underline{\quad\quad}$ $15. \quad 60 \times 9 = \underline{\quad\quad}$ $16. \quad 6 \times 90 = \underline{\quad\quad}$

C. Find the missing number.

$\underline{\quad\quad} \times 50 = 200$

$7 \times \underline{\quad\quad} = 210$

$\underline{\quad\quad} \times 80 = 240$

$6 \times \underline{\quad\quad} = 360$

$\underline{\quad\quad} \times 20 = 180$

$9 \times \underline{\quad\quad} = 450$

D. Solve each story.

A box holds 40 pencils. How many pencils are in 6 boxes?

Answer: _____ pencils

A theater has 9 rows of seats. Each row has 20 seats. How many seats are in the theater?

Answer: _____ seats

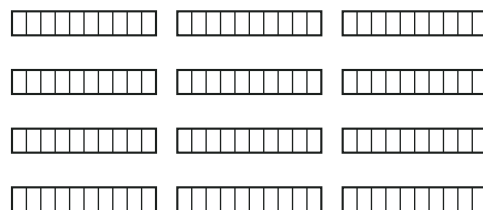
Multiply by Multiples of 10 (Answer Key)

How it works

4×30 means 4 groups of 3 tens.

4×3 tens = 12 tens, and 12 tens is **120**.

So multiply the fact you know, $4 \times 3 = 12$, then write a zero after it: $4 \times 30 = 120$.



4 groups of 3 tens = 12 tens

A. Solve the fact, then the tens fact.

$$6 \times 4 = \underline{24}$$

$$6 \times 40 = \underline{240}$$

$$3 \times 7 = \underline{21}$$

$$3 \times 70 = \underline{210}$$

$$5 \times 8 = \underline{40}$$

$$5 \times 80 = \underline{400}$$

$$9 \times 2 = \underline{18}$$

$$9 \times 20 = \underline{180}$$

$$7 \times 6 = \underline{42}$$

$$7 \times 60 = \underline{420}$$

$$8 \times 9 = \underline{72}$$

$$8 \times 90 = \underline{720}$$

B. Multiply.

$$1. \quad 2 \times 30 = \underline{60}$$

$$2. \quad 5 \times 40 = \underline{200}$$

$$3. \quad 60 \times 3 = \underline{180}$$

$$4. \quad 4 \times 70 = \underline{280}$$

$$5. \quad 6 \times 20 = \underline{120}$$

$$6. \quad 50 \times 8 = \underline{400}$$

$$7. \quad 7 \times 30 = \underline{210}$$

$$8. \quad 9 \times 40 = \underline{360}$$

$$9. \quad 90 \times 4 = \underline{360}$$

$$10. \quad 6 \times 60 = \underline{360}$$

$$11. \quad 3 \times 80 = \underline{240}$$

$$12. \quad 70 \times 7 = \underline{490}$$

$$13. \quad 5 \times 90 = \underline{450}$$

$$14. \quad 8 \times 80 = \underline{640}$$

$$15. \quad 60 \times 9 = \underline{540}$$

$$16. \quad 6 \times 90 = \underline{540}$$

C. Find the missing number.

$$\underline{4} \times 50 = 200$$

$$7 \times \underline{30} = 210$$

$$\underline{3} \times 80 = 240$$

$$6 \times \underline{60} = 360$$

$$\underline{9} \times 20 = 180$$

$$9 \times \underline{50} = 450$$

D. Solve each story.

A box holds 40 pencils. How many pencils are in 6 boxes?

$$6 \times 40 = 240$$

Answer: 240 pencils

A theater has 9 rows of seats. Each row has 20 seats. How many seats are in the theater?

$$9 \times 20 = 180$$

Answer: 180 seats