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DATE: \_\_\_\_\_

Day

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# Multiplication (2)

6 cans of fish weigh 648 g in all.



Do the multiplication.

①

$$\begin{array}{r} 213 \\ \times 3 \\ \hline \end{array}$$

②

$$\begin{array}{r} \bigcirc \\ 208 \\ \times 7 \\ \hline \end{array}$$

③

$$\begin{array}{r} \bigcirc \bigcirc \\ 473 \\ \times 8 \\ \hline \end{array}$$

④

$$\begin{array}{r} \bigcirc \\ 461 \\ \times 6 \\ \hline \end{array}$$

⑤

$$\begin{array}{r} \bigcirc \bigcirc \\ 165 \\ \times 4 \\ \hline \end{array}$$

⑥

$$\begin{array}{r} \bigcirc \\ 318 \\ \times 5 \\ \hline \end{array}$$

3-digit number x 1-digit number:

1st Multiply the ones.

2nd Multiply the tens\*.

3rd Multiply the hundreds\*.

\*Remember to add the number carried over.

e.g.

$$\begin{array}{r} 14 \\ 329 \\ \times 5 \\ \hline 1645 \end{array}$$

5 x 9 = 45, carry 4 tens to the tens column.

5 x 2 = 10; 10 + 4 = 14, carry 1 to the next place.

5 x 3 = 15; 15 + 1 = 16

⑦ 329 x 4 = \_\_\_\_\_

⑧ 513 x 9 = \_\_\_\_\_

⑨ 6 x 448 = \_\_\_\_\_

⑩ 2 x 168 = \_\_\_\_\_

⑪ 7 x 257 = \_\_\_\_\_

⑫ 109 x 5 = \_\_\_\_\_

⑬ 711 x 6 = \_\_\_\_\_

⑭ 284 x 8 = \_\_\_\_\_

⑮ 9 x 335 = \_\_\_\_\_

⑯ 3 x 427 = \_\_\_\_\_

⑰ 154 x 7 = \_\_\_\_\_

⑱ 8 x 293 = \_\_\_\_\_

When you multiply a number by 10, just add 1 zero to the number. Add 2 zeros when you multiply by 100, and 3 zeros when you multiply by 1000.

e.g.  $5 \times 10 = 50$   
 $5 \times 100 = 500$   
 $5 \times 1000 = 5000$

A quick way to multiply:  
 e.g.

$$\begin{array}{r} 200 \times 3 = 600 \\ \text{Diagram: } 200 \times 3 \text{ with arrows pointing to } 2 \times 3 \text{ and } 600 \end{array}$$

$$\begin{array}{r} 40 \times 70 = 2800 \\ \text{Diagram: } 40 \times 70 \text{ with arrows pointing to } 4 \times 7 \text{ and } 2800 \end{array}$$

$$\begin{array}{r} 9 \times 40 = 360 \\ \text{Diagram: } 9 \times 40 \text{ with arrows pointing to } 9 \times 4 \text{ and } 360 \end{array}$$

### Find the answers mentally.

- |  |  |
|--|--|
| ⑲ $100 \times 7 = \underline{\hspace{2cm}}$  | ⑳ $8 \times 100 = \underline{\hspace{2cm}}$  |
| ㉑ $6 \times 1000 = \underline{\hspace{2cm}}$ | ㉒ $1000 \times 9 = \underline{\hspace{2cm}}$ |
| ㉓ $12 \times 100 = \underline{\hspace{2cm}}$ | ㉔ $10 \times 16 = \underline{\hspace{2cm}}$  |
| ㉕ $15 \times 100 = \underline{\hspace{2cm}}$ | ㉖ $20 \times 100 = \underline{\hspace{2cm}}$ |
| ㉗ $1000 \times 4 = \underline{\hspace{2cm}}$ | ㉘ $8 \times 1000 = \underline{\hspace{2cm}}$ |
| ㉙ $20 \times 40 = \underline{\hspace{2cm}}$  | ㉚ $70 \times 90 = \underline{\hspace{2cm}}$  |
| ㉛ $9 \times 600 = \underline{\hspace{2cm}}$  | ㉜ $500 \times 4 = \underline{\hspace{2cm}}$  |
| ㉝ $80 \times 70 = \underline{\hspace{2cm}}$  | ㉞ $90 \times 50 = \underline{\hspace{2cm}}$  |
| ㉟ $900 \times 20 = \underline{\hspace{2cm}}$ | ㊱ $5 \times 4000 = \underline{\hspace{2cm}}$ |
| ㊲ $2000 \times 6 = \underline{\hspace{2cm}}$ | ㊳ $80 \times 60 = \underline{\hspace{2cm}}$  |

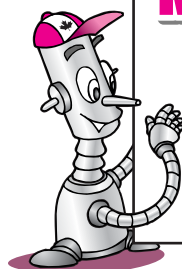
### Solve the problems.

- ⑳ Each coffee table costs \$127. 5 coffee tables cost \$ \_\_\_\_\_ in all.
- ㉑ Joanne has 145 stickers. If the number of stickers that Tina has is 8 times of Joanne's, Tina has \_\_\_\_\_ stickers in all.
- ㉒ Each piece of ribbon is 198 cm long. The total length of 9 pieces of ribbon is \_\_\_\_\_ cm.

㉓

*If I earn \$90 a day, how much do I earn in April?*

\$ \_\_\_\_\_



**Did you know?**

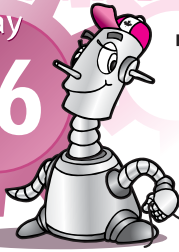


**Cats** have excellent night vision. They can detect light that is 6 times dimmer than what humans can detect.

DATE: \_\_\_\_\_

Day

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# You Deserve A Break!

Help the people circle the correct estimates or solve the problems.

①

Uncle Sam has a box of 512 nails. If he loses 76 of them and uses half of the remaining nails to fix the roof, how many nails will he have left?

\_\_\_\_\_ nails

②

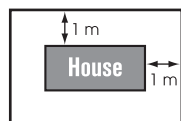
Combined length of the vines

2 km    90 mm    8 cm<sup>2</sup>

③

The space between the wall and the fence on each side of the house is 1 m. What is the area of the house?

\_\_\_\_\_



Area of the hole

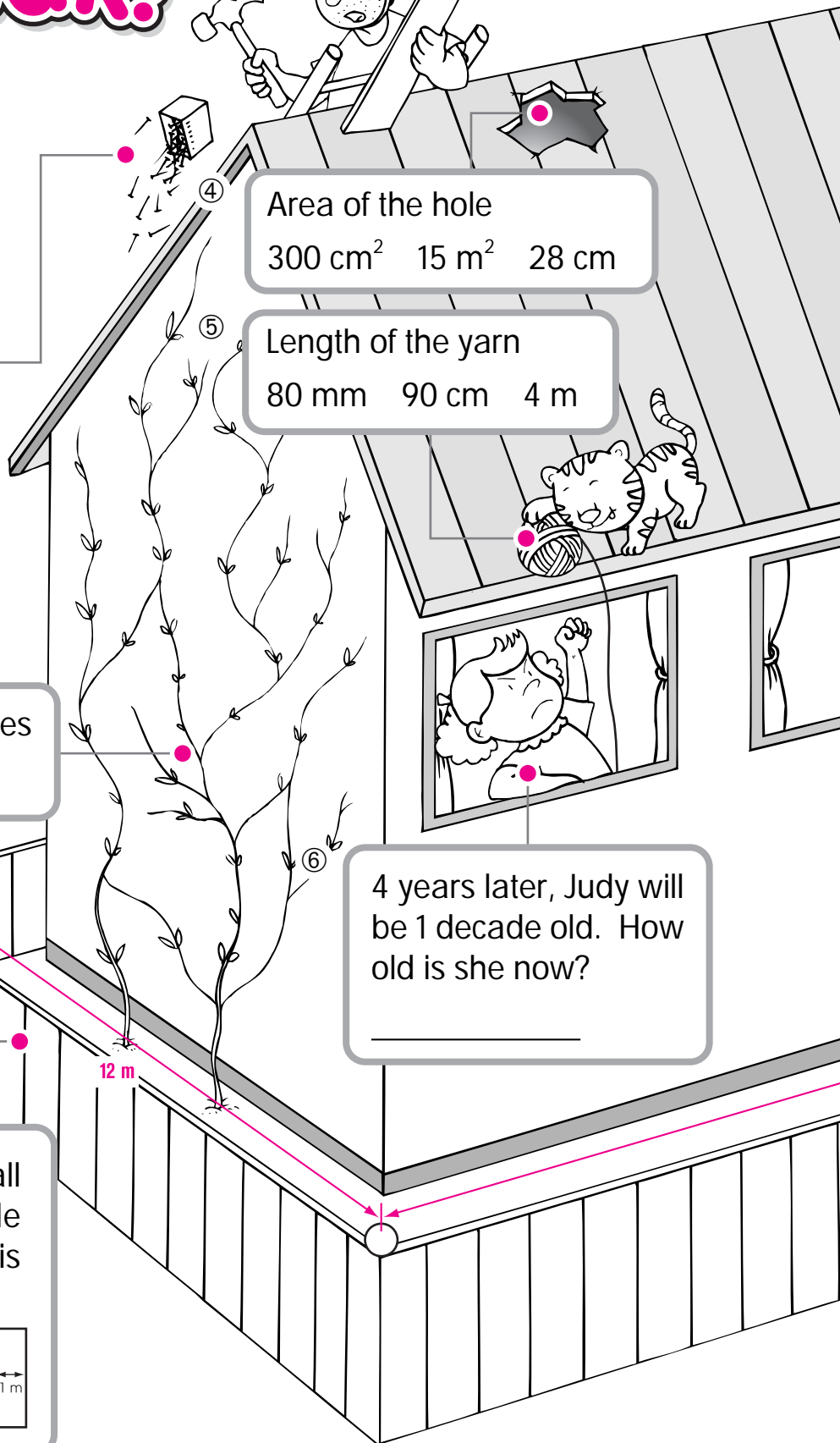
300 cm<sup>2</sup>    15 m<sup>2</sup>    28 cm

Length of the yarn

80 mm    90 cm    4 m

4 years later, Judy will be 1 decade old. How old is she now?

\_\_\_\_\_



⑦

Area of the roof

6 km 28 cm<sup>2</sup> 15 m<sup>2</sup>

⑨

Length of the highway

56 km 800 m 400 cm<sup>2</sup>

⑧

What is the perimeter of the window?

\_\_\_\_\_

⑩

The fence is 4 m 26 cm or \_\_\_\_\_ cm long. If Jimmy paints the fence in 3 days, how many centimetres of the fence does he paint each day?

\_\_\_\_\_

It is 2015. The house was built \_\_\_\_\_ centuries ago.

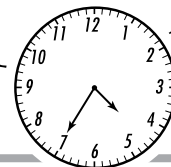
⑫

What is the area of the door?

\_\_\_\_\_

Leaving Time

Arrival Time



⑬

Mr. Smith has spent \_\_\_\_\_ min travelling. The distance travelled is 45 km or \_\_\_\_\_ m.

