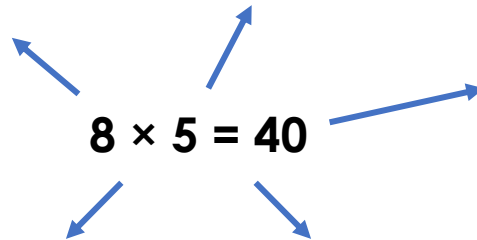


## Related Multiplication Fact Web

Write a 'related fact' web like the ones shown on the video for  $8 \times 3 = 24$  or  $8 \times 5 = 40$  or  $14 \times 5 = 70$ . Try to use a double and halve strategy!



### Task A: I know... so...

$$7 \times 5 = 35$$

$$8 \times 5 = \boxed{\phantom{00}}$$

$$8 \times 6 = \boxed{\phantom{00}}$$

$$8 \times 3 = \boxed{\phantom{00}}$$

$$4 \times 6 = \boxed{\phantom{00}}$$

### Task B: I know... so...

$$12 \times 5 = 60$$

$$14 \times 5 = \boxed{\phantom{00}}$$

$$14 \times 6 = \boxed{\phantom{00}}$$

$$15 \times 6 = \boxed{\phantom{00}}$$

$$30 \times 3 = \boxed{\phantom{00}}$$

## Doubling and Halving

Which of these questions are **made easier** by a **doubling and halving strategy**?

$$13 \times 7$$

$$12 \times 25$$

$$15 \times 6$$

$$40 \times 30$$

$$5 \times 16$$

**Explain:** What kinds of questions are made easier by a doubling and halving strategy?

## Answers

**Task A I know... so...** 40 48 24 24

**Task B I know... so...** 70 84 90 90

**Doubling and Halving:**  $12 \times 25$  can be changed to  $6 \times 50$

$5 \times 16$  can be changed to  $10 \times 8$      $15 \times 6$  can be changed to  $30 \times 3$