

## Digit card calculations

### Task

1. Choose five digit cards to complete each multiplication calculation.
2. Choose one number at a time. Remember to cross off the numbers as you use them from the correct coloured number set. Can you see any patterns?
3. Choose four cards to complete the division calculation.
4. Choose one number at a time. Remember to cross off the numbers you have already used so that you can start to notice a pattern.
5. Try with 5 cards for division.
6. Answer the questions on your sheet.

**EXT:** Answer these mixed multiplication and division word problems questions.



Choose five digit cards to complete the multiplication calculation below.

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

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

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

How can you use your multiplication calculations to help you find division calculations?

Now choose four cards to complete the division calculation below.

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

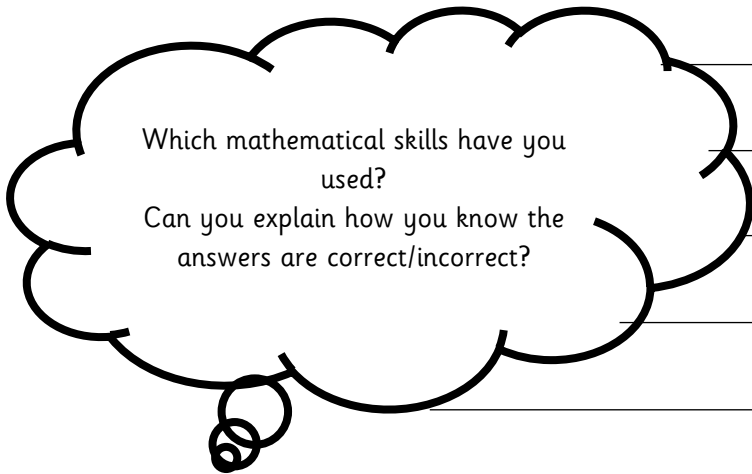
Try with five cards for division

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$

$$\boxed{\phantom{00}} \boxed{\phantom{00}} \div \boxed{\phantom{00}} = \boxed{\phantom{00}} \boxed{\phantom{00}}$$



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