

MULTIPLICATION DIVISION



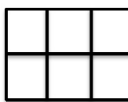
What do you notice about the numbers in square A?

Write numbers in the blank boxes in squares B, C and D to make the same patterns as in square A.

A.	B.	C.	D.																																				
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Cards 1 to 16 give clues about the numbers in the squares.

Match 4 cards to each square. Line the cards up under the squares A, B, C and D.

<p>1. </p>	<p>2. The sides of this regular pentagon are 9 cm. How far is it to go all the way round (perimeter)? </p>	<p>3. $? \times 9 = 72$</p>	<p>4. $33 \div 3 = ?$</p>
<p>5. This string has 55 beads with the same number of red, blue, green, pink and white beads. How many red?</p>	<p>6. $3 \times ? = 36$</p>	<p>7. $3 \times ? = 15$</p>	<p>8. 40 children line up in 8 rows. How many in a row?</p>
<p>9. $16 \div ? = 8$</p>	<p>10. $72 \div 6 = 12$</p>	<p>11. Area of this rectangle? </p>	<p>12. How many days in 6 weeks?</p>
<p>13. 36 sweets are shared between 9 children.</p>	<p>14. $? \times 9 = 27$</p>	<p>15. $24 \div 8 = ?$</p>	<p>16. ○○○○ ○○○○ ○○○○</p>

Make up your own M D square and clue cards to go with it

HELP

This task is called MD for **M**ultiplication/**D**ivision. For any 3 numbers you can write the relationship between them in 4 ways, for example

$$3 \times 5 = 15, 5 \times 3 = 15, 15 \div 5 = 3, 15 \div 3 = 5$$

Cut out the cards on page 3.

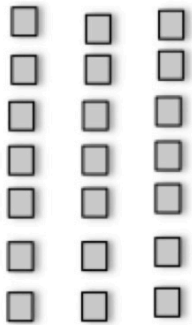
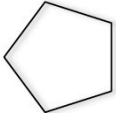
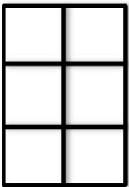
Look at cards 7, 8, 9 and 11. They all represent square A. Why?

Now try to fill in the other squares and match the cards.

NEXT

Make up your own MD squares and clue cards and then exchange them and work on the task set by the other person. You might make your puzzle as a group and exchange with another group.

Clue cards
for MD
activity
Cut out the
16 cards

<p>1.</p> 	<p>2. The sides of this regular pentagon are 9 cm. How far is it to go all the way round (perimeter)?</p> 	<p>3.</p> $? \times 9 = 72$	<p>4.</p> $33 \div 3 = ?$
<p>5.</p> <p>This string has 55 beads with the same number of red, blue, green, pink and white beads. How many red?</p>	<p>6.</p> $3 \times ? = 36$	<p>7.</p> $3 \times ? = 15$	<p>8.</p> <p>40 children line up in 8 rows. How many in a row?</p>
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<p>13.</p> <p>36 sweets are shared between 9 children.</p>	<p>14.</p> $? \times 9 = 27$	<p>15.</p> $24 \div 8 = ?$	<p>16.</p> 