

ENTER THE SCRAPYARD

TEACHER'S NOTES



How to play

Start at 'Go!', then move around the zones until you reach Rusty!

You will need...

Counters for each player and  x1

Zone 1: Number bonds



To move onto a tile, you must roll the missing number using your die.

Zone 2: Part-whole challenge



To move onto a tile, you must roll the amount the ? represents using your die.

Zone 3: Missing numbers



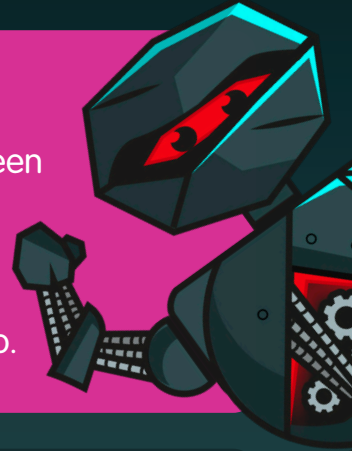
To move onto a tile, you must roll the missing number, represented by the ?, using your die.

The rules

Start each zone on the green tile and finish on the pink.

Only move 1 tile at a time.

Only 1 roll of the die per go.



NumBots Counters ✂

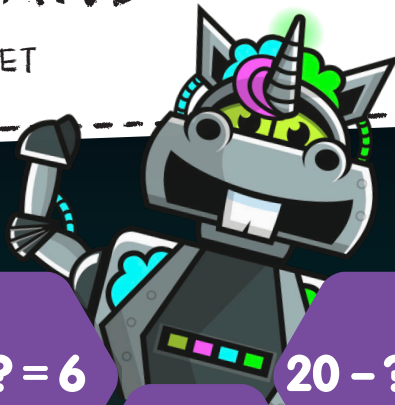


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ENTER THE SCRAPYARD

PUPILS' WORKSHEET

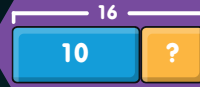


Zone 1 Number bonds



$0 + ? = 6$

$20 - ? = 19$



$$\begin{array}{r} 10 - 8 \\ = \\ ? - 0 \end{array}$$

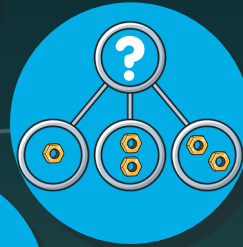
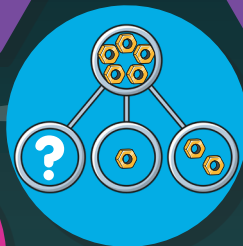
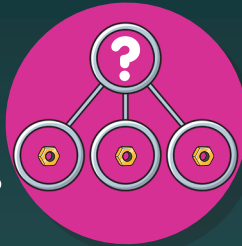
$$\begin{array}{r} ? + 3 \\ = \\ 12 - 6 \end{array}$$



$14 - 10 = ?$

$17 = 20 - ?$

Zone 2 Part-whole challenge



Zone 3 Missing numbers

$= 6 + ?$

$20 - \begin{array}{c} \text{10} \\ \text{2} \\ \text{5} \\ \text{1} \end{array} = ?$

$? + 17 = \begin{array}{c} \text{2 tens rods} \\ \text{7 units rods} \end{array}$

$? + 27 = \begin{array}{c} \text{20} \\ \text{10} \end{array}$

$\begin{array}{c} \text{3 tens rods} \\ \text{3 units rods} \end{array} - ? = 29$

$- 8 = ?$

$\begin{array}{c} \text{10} \\ \text{10} \\ \text{2} \end{array} + ? = 28$

$? = 20 - \begin{array}{c} \text{2 tens rods} \\ \text{5 units rods} \end{array}$

WELL DONE!
YOU DID IT!



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