

# Code Breaker: Percentages of Amounts

The Maths Habit

## CRACK THE CODE

Work out each percentage. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

13 CLUES



|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                     |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------|
| 1<br>10% of 70<br><input type="text" value="R"/>    | 2<br>50% of 36<br><input type="text" value="Z"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3<br>25% of 48<br><input type="text" value="H"/>  | 4<br>20% of 45<br><input type="text" value="B"/>    |
| 5<br>75% of 40<br><input type="text" value="A"/>    | 6<br>5% of 160<br><input type="text" value="Z"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7<br>30% of 50<br><input type="text" value="E"/>  | 8<br>1% of 600<br><input type="text" value="U"/>    |
| 9<br>15% of 140<br><input type="text" value="Y"/>   | 10<br>60% of 40<br><input type="text" value="I"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11<br>35% of 80<br><input type="text" value="G"/> | 12<br>12.5% of 88<br><input type="text" value="T"/> |
| 13<br>2.5% of 640<br><input type="text" value="L"/> | <b>YOUR LETTERS</b><br><div style="display: flex; justify-content: space-around;"> <div><input type="text" value="R"/></div> <div><input type="text" value="Z"/></div> <div><input type="text" value="H"/></div> <div><input type="text" value="B"/></div> <div><input type="text" value="A"/></div> <div><input type="text" value="Z"/></div> <div><input type="text" value="E"/></div> <div><input type="text" value="U"/></div> <div><input type="text" value="Y"/></div> <div><input type="text" value="I"/></div> <div><input type="text" value="G"/></div> <div><input type="text" value="T"/></div> <div><input type="text" value="L"/></div> </div> <b>UNSCRAMBLE</b> Clue: a Pixar character (4, 9) <u>BUZZ LIGHTYEAR</u> |                                                   |                                                     |

### CODE BOX

|        |        |
|--------|--------|
| 6 = U  | 7 = R  |
| 8 = Z  | 9 = B  |
| 11 = T | 12 = H |
| 14 = O | 15 = E |
| 16 = L | 18 = Z |
| 20 = S | 21 = Y |
| 24 = I | 25 = K |
| 27 = D | 28 = G |
| 30 = A | 32 = N |
| 36 = P | 40 = W |



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| 5<br>75% of 40<br><input type="text" value="A"/>    | 6<br>5% of 160<br><input type="text" value="Z"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7<br>30% of 50<br><input type="text" value="E"/>  | 8<br>1% of 600<br><input type="text" value="U"/>    |
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| 13<br>2.5% of 640<br><input type="text" value="L"/> | <b>YOUR LETTERS</b><br><div style="display: flex; justify-content: space-around;"> <div><input type="text" value="R"/></div> <div><input type="text" value="Z"/></div> <div><input type="text" value="H"/></div> <div><input type="text" value="B"/></div> <div><input type="text" value="A"/></div> <div><input type="text" value="Z"/></div> <div><input type="text" value="E"/></div> <div><input type="text" value="U"/></div> <div><input type="text" value="Y"/></div> <div><input type="text" value="I"/></div> <div><input type="text" value="G"/></div> <div><input type="text" value="T"/></div> <div><input type="text" value="L"/></div> </div> <b>UNSCRAMBLE</b> Clue: a Pixar character (4, 9) <u>BUZZ LIGHTYEAR</u> |                                                   |                                                     |

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