

1) Use known facts to complete these calculations.

$130 \div \underline{\quad} = 13 \qquad 6.5 \times 10 = \underline{\quad}$

$130 \div \underline{\quad} = 6.5 \qquad \underline{\quad} = 6.5 \times 20$

$130 \div \underline{\quad} = 26 \qquad \underline{\quad} = 6.5 \times 2$



2) Make a set of similar calculations using  $110 \div 2 = 55$ .

$110 \div 2 = 55 \qquad 27.5 \times 4 = \underline{\quad}$

$110 \div 4 = \underline{\quad} \qquad 110 = \underline{\quad} \times 4$

$110 \div 8 = \underline{\quad} \qquad 55 = \underline{\quad} \times 4$

3) Use  $4913 \div 17 = 289$  to calculate  $18 \times 289$ . Explain your working out.

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1) Use this calculation to decide if the following calculations are true or false. For any false calculations, give the correct answer and explain the mistake that has been made.



$55 \times 12 = 660$

|                         | True or False? | Correct Answer | Mistakes Made |
|-------------------------|----------------|----------------|---------------|
| $660 \div 1.2 = 550$    |                |                |               |
| $5.5 \times 12 = 6.6$   |                |                |               |
| $5.5 \times 1.2 = 0.66$ |                |                |               |
| $66 \div 12 = 5.5$      |                |                |               |
| $120 \times 55 = 660$   |                |                |               |

2) Rami keeps fit by doing 30 star jumps every day.

- How many star jumps will he have done after 5 days? Explain your working out.
- How many star jumps will he have done after 50 days? Give your answer and explain how you used the previous calculation to help you.
- Rami has completed 4500 star jumps. How many days is this? Give your answer and explain how you used the previous calculation to help you.

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1) Use known facts to complete these calculations.  
Shade each answer on the maze to find the path from the money to the bank vault.



|     |       |      |       |       |       |       |      |
|-----|-------|------|-------|-------|-------|-------|------|
|     |       | 61   | 67    | 37    | 13.25 | 99    | 15.5 |
|     |       | 57   | 36    | 9.9   | 88    | 14.25 | 88   |
| 60  | 59    | 58   | 14    | 15.75 | 26    | 55    | 5    |
| 22  | 20    | 21   | 13.5  | 14.75 | 27    | 54    | 4    |
| 9   | 8     | 6.75 | 29.5  | 28.5  | 28    | 53    | 118  |
| 7   | 6     | 6.5  | 30    | 83    | 2.5   | 1.5   | 2    |
| 57  | 12.25 | 7.5  | 11.5  | 117   | 33    |       |      |
| 8.4 | 69    | 2.25 | 20.25 | 99    | 77    |       |      |

$$270 \div 10 = \underline{\quad\quad} \quad \underline{\quad\quad} \times 40 = 270$$

$$270 \div 20 = \underline{\quad\quad} \quad 130 = 6.5 \times \underline{\quad\quad}$$

$$270 \div 5 = \underline{\quad\quad} \quad 13 = 6.5 \times \underline{\quad\quad}$$

$$118 \div 2 = \underline{\quad\quad} \quad \underline{\quad\quad} \times 4 = 118$$

$$118 \div \underline{\quad\quad} = 29.5 \quad \underline{\quad\quad} = 29.5 \times 4$$

$$118 \div \underline{\quad\quad} = 14.75 \quad 59 = \underline{\quad\quad} \times 4$$

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