

Fractions of amounts maze! (s)

Help the knight combat the dragons and trolls and get to the gold! Work out what the fraction of each amount is and follow the correct path through the maze.

The maze consists of a grid of boxes. The knight starts at the top left box. The path is determined by solving the fraction problems in the boxes. The correct path is highlighted in the original image.

Top Row:

- Box 1: $\frac{1}{2}$ of 16 = 8
- Box 2: $\frac{1}{5}$ of 20 = 4
- Box 3: $\frac{1}{5}$ of 15 = 3
- Box 4: $\frac{1}{4}$ of 8 = 2

Second Row:

- Box 1: $\frac{1}{4}$ of 16 = 4
- Box 2: $\frac{1}{3}$ of 12 = 4
- Box 3: $\frac{1}{10}$ of 50 = 5
- Box 4: $\frac{1}{3}$ of 18 = 6

Third Row:

- Box 1: $\frac{1}{5}$ of 10 = 2
- Box 2: $\frac{1}{4}$ of 24 = 6
- Box 3: $\frac{1}{5}$ of 40 = 8
- Box 4: $\frac{1}{4}$ of 32 = 8

Bottom Row:

- Box 1: $\frac{1}{2}$ of 12 = 6
- Box 2: $\frac{1}{10}$ of 70 = 7
- Box 3: $\frac{1}{2}$ of 30 = 15
- Box 4: $\frac{1}{3}$ of 27 = 9

Show your working out.

Eg. $\frac{1}{2}$ of 16 $16 \div 2 = \underline{\quad}$ so go to that answer and on to the next question.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

Fractions of amounts maze! (e)

Help the knight combat the dragons and trolls and get to the gold! Work out what the fraction of each amount is and follow the correct path through the maze.

The maze consists of a grid of boxes. The knight starts at the top left and follows a path marked by numbers 1 through 11. The path is as follows:

- 1. $\frac{1}{6}$ of 42
- 2. $\frac{2}{5}$ of 25
- 3. $\frac{3}{5}$ of 15
- 4. $\frac{1}{7}$ of 21
- 5. $\frac{1}{8}$ of 32
- 6. $\frac{3}{4}$ of 12
- 7. $\frac{2}{10}$ of 50
- 8. $\frac{1}{8}$ of 16
- 9. $\frac{1}{7}$ of 56
- 10. $\frac{2}{3}$ of 21
- 11. $\frac{4}{5}$ of 40

The path ends at a pot of gold. Obstacles include dragons and trolls. The knight must avoid them to reach the gold.

Show your working out.

Eg. $\frac{3}{4}$ of 16, $16 \div 4 = 4$, $4 \times 3 = 12$ so go to that answer (12) and on to the next question.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

Fractions of amounts maze! (c)

Help the knight combat the dragons and trolls and get to the gold! Work out what the fraction of each amount is and follow the correct path through the maze.

The maze consists of a grid of boxes connected by paths. Each box contains a fraction of an amount problem. The knight must solve these problems to find the correct path forward. There are four dragons and two trolls blocking paths. The correct path is highlighted in blue.

Start: Knight (top left)

Box 1: $\frac{1}{6}$ of 18 → 3

Box 2: $\frac{2}{5}$ of 25 → 10

Box 3: $\frac{1}{4}$ of 16 → 4

Box 4: $\frac{1}{7}$ of 21 → 3

Box 5: $\frac{1}{8}$ of 24 → 3

Box 6: $\frac{3}{4}$ of 12 → 9

Box 7: $\frac{1}{5}$ of 50 → 10

Box 8: $\frac{1}{8}$ of 16 → 2

Box 9: $\frac{1}{7}$ of 14 → 2

Box 10: $\frac{2}{3}$ of 9 → 6

Box 11: $\frac{1}{2}$ of 50 → 25

Box 12: $\frac{1}{3}$ of 18 → 6

Box 13: $\frac{1}{6}$ of 12 → 2

Box 14: $\frac{1}{8}$ of 64 → 8

Box 15: $\frac{2}{10}$ of 30 → 6

Box 16: $\frac{3}{4}$ of 24 → 18

End: Gold (bottom right)

Show your working out.

Eg. $\frac{3}{4}$ of 16, $16 \div 4 = 4$, $4 \times 3 = 12$ so go to that answer (12) and on to the next question.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.