The Nine Chapters: share fairly

PRACTICE WORKSHEET

12 exercises | A4 | 1 / 2

Name: _____ Date: _____

Show your working in the blank space or on separate paper. Sketch labelled rods/beads when asked to represent a number.

1 Share 48 equally between 2 groups.

2 Share 120 equally between 3 groups.

3 Share 156 equally between 4 groups.

4 Share 190 equally between 5 groups.

5 Share 258 equally between 6 groups.

6 Share 294 equally between 7 groups.

7 Share 328 equally between 8 groups.

8 Share 414 equally between 9 groups.

9 Share 182 equally between 2 groups.

10 Share 48 equally between 3 groups.

11 Share 308 equally between 4 groups.

12 Share 450 equally between 5 groups.

Practise interactively and explore the method:

https://goofergames.com/math/world/nine-chapters

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ANSWER KEY

12 exercises | A4 | 2 / 2

Use after completing the practice page. Values are generated by the page's shared engine.

Equivalent exact representations are valid where the prompt allows them. Non-integer results are rounded to two decimals.

1 **Answer: 24**
Remainder before bringing down the last digit: 0; Complete quotient: 24

2 **Answer: 40**
Remainder before bringing down the last digit: 0; Complete quotient: 40

3 **Answer: 39**
Remainder before bringing down the last digit: 3; Complete quotient: 39

4 **Answer: 38**
Remainder before bringing down the last digit: 4; Complete quotient: 38

5 **Answer: 43**
Remainder before bringing down the last digit: 1; Complete quotient: 43

6 **Answer: 42**
Remainder before bringing down the last digit: 1; Complete quotient: 42

7 **Answer: 41**
Remainder before bringing down the last digit: 0; Complete quotient: 41

8 **Answer: 46**
Remainder before bringing down the last digit: 5; Complete quotient: 46

9 **Answer: 91**
Remainder before bringing down the last digit: 0; Complete quotient: 91

10 **Answer: 16**
Remainder before bringing down the last digit: 1; Complete quotient: 16

11 **Answer: 77**
Remainder before bringing down the last digit: 2; Complete quotient: 77

12 **Answer: 90**
Remainder before bringing down the last digit: 0; Complete quotient: 90

Practise interactively and explore the method:

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