



Babylonian base 60

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.

Use modern place/count notation when drawing historical-style symbols is impractical.

1 Represent 125 in base 60 (whole-number places).

2 Represent 93 in base 60 (whole-number places).

3 Represent 298 in base 60 (whole-number places).

4 Represent 203 in base 60 (whole-number places).

5 Represent 7247 in base 60 (whole-number places).

6 Represent 5691 in base 60 (whole-number places).

7 Represent 4135 in base 60 (whole-number places).

8 Represent 8980 in base 60 (whole-number places).

9 Represent 8712 in base 60 (whole-number places).

10 Represent 7156 in base 60 (whole-number places).

11 Represent 5600 in base 60 (whole-number places).

12 Represent 4044 in base 60 (whole-number places).

Practise interactively and explore the method:

<https://goofergames.com/math/world/base-sixty>



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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: 0:02:05

Modern teaching notation: 0:02:05.

2 Answer: 0:01:33

Modern teaching notation: 0:01:33.

3 Answer: 0:04:58

Modern teaching notation: 0:04:58.

4 Answer: 0:03:23

Modern teaching notation: 0:03:23.

5 Answer: 2:00:47

Modern teaching notation: 2:00:47.

6 Answer: 1:34:51

Modern teaching notation: 1:34:51.

7 Answer: 1:08:55

Modern teaching notation: 1:08:55.

8 Answer: 2:29:40

Modern teaching notation: 2:29:40.

9 Answer: 2:25:12

Modern teaching notation: 2:25:12.

10 Answer: 1:59:16

Modern teaching notation: 1:59:16.

11 Answer: 1:33:20

Modern teaching notation: 1:33:20.

12 Answer: 1:07:24

Modern teaching notation: 1:07:24.

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