Egyptian unit fractions

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: 1/2 and 1/3**
With denominator 6: 3/6 + 2/6 = 5/6.

2 **Answer: 1/2 and 1/4**
With denominator 8: 4/8 + 2/8 = 6/8.

3 **Answer: 1/3 and 1/4**
With denominator 12: 4/12 + 3/12 = 7/12.

4 **Answer: 1/3 and 1/6**
With denominator 18: 6/18 + 3/18 = 9/18.

5 **Answer: 1/4 and 1/6**
With denominator 24: 6/24 + 4/24 = 10/24.

6 **Answer: 1/2 and 1/8**
With denominator 16: 8/16 + 2/16 = 10/16.

7 **Answer: 1/3 and 1/8**
With denominator 24: 8/24 + 3/24 = 11/24.

8 **Answer: 1/4 and 1/12**
With denominator 48: 12/48 + 4/48 = 16/48.

9 **Answer: 1/2 and 1/3**
With denominator 6: 3/6 + 2/6 = 5/6.

10 **Answer: 1/2 and 1/4**
With denominator 8: 4/8 + 2/8 = 6/8.

11 **Answer: 1/3 and 1/4**
With denominator 12: 4/12 + 3/12 = 7/12.

12 **Answer: 1/3 and 1/6**
With denominator 18: 6/18 + 3/18 = 9/18.

Practise interactively and explore the method:
https://goofergames.com/math/world/egyptian-fractions

Free for educational use: teachers may print and share the worksheets with their students.