Year 6 maths: Improper fractions and comparing fractions (Easy)

Maths · Fractions
Level: Easy

Student: _____ Date: _____

Instructions
- There are 10 questions. Read each one carefully.
- Write your answers on this paper. Use the space under a question to work it out.
- A grown-up can read a question aloud — that's fine.
- The answers are at the end. Check them together when you have finished.

Questions

1. Which of these is an improper fraction?

Circle one answer.

○ **A** 9/5 ○ **B** 2 1/5 ○ **C** 5/9 ○ **D** 3/5

2. Write 7/4 as a mixed number.

Circle one answer.

○ **A** 1 3/4 ○ **B** 1 4/3 ○ **C** 7 1/4 ○ **D** 3 1/4

3. Which is bigger, 1/4 or 1/8?

Circle one answer.

○ **A** 1/8 ○ **B** 1/4

4. Which fraction is greater than 1 whole?

Circle one answer.

○ **A** 4/4 ○ **B** 1/4 ○ **C** 3/4 ○ **D** 5/4

5. Which fraction is the same as 1 whole?

Circle one answer.

○ **A** 6/6 ○ **B** 1/6 ○ **C** 6/1 ○ **D** 6/12

6. Which fraction is more than 1/2?

Circle one answer.

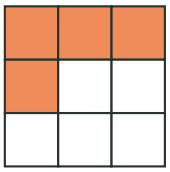
○ **A** 5/8 ○ **B** 3/8 ○ **C** 2/8 ○ **D** 1/8

7. A recipe uses 3/2 cups of flour. Is that more or less than 1 cup?

Circle one answer.

○ **A** Exactly 1 cup ○ **B** Less than 1 cup ○ **C** More than 1 cup

8. A 9-square floor has 4 blue squares. What fraction is blue?



9. A recipe uses 5 3/4 cups of flour. How many quarter-cups is that?

Answer: ☐ quarter-cups

Working:

10. How many fifths are in 3 2/5?

Answer: ☐ fifths

Working:

Answer key

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1. A — 9/5

An improper fraction has a top number the same as or bigger than its bottom number. 9 is bigger than 5.

2. A — 1 3/4

4 quarters make 1 whole. 7 quarters is 1 whole and 3 quarters: 1 3/4.

3. B — 1/4

A whole cut into 4 parts has bigger pieces than a whole cut into 8 parts.

4. D — 5/4

5 quarters is more than 4 quarters, and 4 quarters is 1 whole.

5. A — 6/6

6 sixths make 1 whole.

6. A — 5/8

1/2 is 4/8. 5/8 is more than 4/8.

7. C — More than 1 cup

2/2 is 1 cup. 3/2 is 1 half more.

8. 4/9

9 equal squares, 4 blue: 4/9.

9. 23 quarter-cups

5 cups is 20 quarters, and 3 more quarters make 23.

10. 17 fifths

3 wholes = 15 fifths, plus 2 fifths = 17 fifths.