Multiple choice questions - Fractions: equivalent, mixed numbers and improper

Year: Year 5 · 10

Question 1 Which fraction is equivalent to 1/2?

- ◯ **A.** 4/8
- ◯ **B.** 2/3
- ◯ **C.** 3/8
- ◯ **D.** 1/4

Question 2 What is 12/16 in its simplest form?

- ◯ **A.** 6/8
- ◯ **B.** 3/4
- ◯ **C.** 4/3
- ◯ **D.** 2/3

Question 3 What is 7/3 as a mixed number?

- ◯ **A.** 1 2/3
- ◯ **B.** 3 1/2
- ◯ **C.** 2 1/3
- ◯ **D.** 2 2/3

Question 4 What is 3 1/2 as an improper fraction?

- ◯ **A.** 3/2
- ◯ **B.** 6/2
- ◯ **C.** 31/2
- ◯ **D.** 7/2

Question 5 Which fraction is the largest?

- ◯ **A.** 7/8
- ◯ **B.** 3/4
- ◯ **C.** 5/8
- ◯ **D.** 1/2

Question 6 Which fraction is the smallest?

- ◯ **A.** 1/3
- ◯ **B.** 1/6
- ◯ **C.** 1/2

- ◯ **D.** 1/4

Question 7 Which is an improper fraction?

- ◯ **A.** 5/9
- ◯ **B.** 1 4/5
- ◯ **C.** 9/5
- ◯ **D.** 0/5

Question 8 What number is missing? 3/5 = ?/15

- ◯ **A.** 8
- ◯ **B.** 12
- ◯ **C.** 3
- ◯ **D.** 9

Question 9 How many halves are in 4?

- ◯ **A.** 8
- ◯ **B.** 2
- ◯ **C.** 4
- ◯ **D.** 6

Question 10 What is 2 3/5 as an improper fraction?

- ◯ **A.** 6/5
- ◯ **B.** 13/5
- ◯ **C.** 23/5
- ◯ **D.** 11/5

Answer grid - Fractions: equivalent, mixed numbers and improper

Year: Year 5

Question	Answer	Explanation
1	**A**	4/8 = 1/2 (divide both by 4).
2	**B**	Divide top and bottom by 4.
3	**C**	7 ÷ 3 = 2 remainder 1.
4	**D**	3 x 2 + 1 = 7.
5	**A**	3/4 = 6/8 and 1/2 = 4/8.
6	**B**	The bigger the denominator, the smaller the part.
7	**C**	Numerator is bigger than the denominator.
8	**D**	5 x 3 = 15, so 3 x 3 = 9.
9	**A**	Each whole has 2 halves.
10	**B**	2 x 5 + 3 = 13.