# Multiple choice questions - Equivalent fractions and comparing fractions

Year: Year 3 · 10

**Question 1** Which fraction is equal to 1/2?

- ◯ **A.** $\frac{2}{4}$
- ◯ **B.** $\frac{1}{4}$
- ◯ **C.** $\frac{2}{3}$
- ◯ **D.** $\frac{1}{3}$

**Question 2** Which fraction is equal to 1/4?

- ◯ **A.** $\frac{2}{4}$
- ◯ **B.** $\frac{2}{8}$
- ◯ **C.** $\frac{1}{8}$
- ◯ **D.** $\frac{3}{8}$

**Question 3** 1/3 = ?/6

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

**Question 4** Which is the biggest?

- ◯ **A.** $\frac{1}{2}$
- ◯ **B.** $\frac{1}{4}$
- ◯ **C.** $\frac{1}{8}$
- ◯ **D.** $\frac{1}{10}$

**Question 5** Which is the smallest?

- ◯ **A.** $\frac{1}{3}$
- ◯ **B.** $\frac{1}{5}$
- ◯ **C.** $\frac{1}{8}$
- ◯ **D.** $\frac{1}{2}$

**Question 6** Which sign is correct? 3/8 __ 5/8

- ◯ **A.** >

- ◯ **B.** <
- ◯ **C.** =
- ◯ **D.** +

**Question 7** 3/4 = ?/8

- ◯ **A.** 3
- ◯ **B.** 4
- ◯ **C.** 5
- ◯ **D.** 6

**Question 8** Which pair is equivalent?

- ◯ **A.** $\frac{2}{5}$ and $\frac{2}{10}$
- ◯ **B.** $\frac{1}{5}$ and $\frac{2}{10}$
- ◯ **C.** $\frac{1}{5}$ and $\frac{1}{10}$
- ◯ **D.** $\frac{4}{5}$ and $\frac{4}{10}$

**Question 9** 4/8 = ?/2

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

**Question 10** Which is in the correct order, smallest first?

- ◯ **A.** $\frac{1}{2}, \frac{1}{4}, \frac{1}{8}$
- ◯ **B.** $\frac{1}{8}, \frac{1}{4}, \frac{1}{2}$
- ◯ **C.** $\frac{1}{4}, \frac{1}{8}, \frac{1}{2}$
- ◯ **D.** $\frac{1}{2}, \frac{1}{8}, \frac{1}{4}$

# Answer grid - Equivalent fractions and comparing fractions

Year: Year 3

| Question | Answer | Explanation |
|---|---|---|
| 1 | **A** | Two quarters is one half. |
| 2 | **B** | One quarter is two eighths. |
| 3 | **B** | 3 × 2 = 6, so 1 × 2 = 2. |
| 4 | **A** | The smallest denominator gives the biggest unit fraction. |
| 5 | **C** | Biggest denominator, smallest piece. |
| 6 | **B** | 3 eighths is less than 5 eighths. |
| 7 | **D** | 4 × 2 = 8, so 3 × 2 = 6. |
| 8 | **B** | 1 × 2 = 2 and 5 × 2 = 10. |
| 9 | **A** | Divide top and bottom by 4. |
| 10 | **B** | The bigger the denominator the smaller the piece. |