



Practice Worksheet on $\frac{1}{2}$

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Subject: $\frac{1}{2}$

Date: 2/15/2025

Long Answer Questions

1. $\frac{1}{2}$ $\frac{8}{12}$ $\frac{1}{2}$ $\frac{1}{2}$.

2. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{5}{4}$ $\frac{1}{2}$ $\frac{1}{2}$.

3. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{5} + \frac{2}{5}$

4. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{5}{6} - \frac{4}{6}$

5. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{4} + \frac{1}{4}$

6. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{2}{3} * 1$

7. $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2} * \frac{1}{3}$

8. $\frac{4}{9} \div \frac{2}{3}$

Multiple Choice Questions

1. $\frac{4}{6}$

- a) $\frac{1}{2}$
- b) $\frac{2}{3}$
- c) $\frac{3}{4}$
- d) $\frac{1}{3}$

2. $\frac{1}{2} - \frac{1}{8}$

- a) $\frac{1}{8}$
- b) $\frac{3}{8}$
- c) $\frac{1}{2}$
- d) $\frac{5}{8}$

3. $\frac{1}{3} + \frac{1}{4}$

- a) $\frac{1}{12}$
- b) $\frac{5}{12}$
- c) $\frac{7}{12}$
- d) $\frac{11}{12}$

4. $\frac{1}{3} * \frac{1}{4}$

- a) $\frac{1}{6}$
- b) $\frac{1}{2}$
- c) $\frac{1}{12}$
- d) $\frac{5}{12}$

5. $(\frac{1}{2}) / (\frac{1}{2})$

- a) $1/2$
- b) $2/3$
- c) $3/4$
- d) $1/4$

6. ~~XXXXXXXXXX~~: $3/5 * 1/4$

- a) $3/10$
- b) $3/20$
- c) $1/20$
- d) $1/10$

7. ~~XXXXXXXXXX~~: $(3/5)/(1)$

- a) $1/15$
- b) $1/5$
- c) $3/5$
- d) $3/10$

8. ~~XXXXXXXXXX~~: $(1/2) / (1/3)$

- a) $1/2$
- b) $2/3$
- c) $3/2$
- d) 2

Answer Key

Long Answer Questions – Expected Responses

1. $\frac{8}{12}$ is simplified to $\frac{2}{3}$.

Expected Answer: $\frac{8}{12}$ is simplified to $\frac{2}{3}$. $\frac{8}{12}$ is simplified to $\frac{2}{3}$.

2. $\frac{5}{4}$ is an improper fraction.

Expected Answer: $\frac{5}{4}$ is an improper fraction. $\frac{5}{4}$ is an improper fraction.

3. $\frac{1}{5} + \frac{2}{5}$

Expected Answer: $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$. $\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$.

4. $\frac{5}{6} - \frac{4}{6}$

Expected Answer: $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$. $\frac{5}{6} - \frac{4}{6} = \frac{1}{6}$.

5. $\frac{1}{4} + \frac{1}{4}$

Expected Answer: $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$. $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$.

6. $\frac{2}{3} \times 1$

Expected Answer: $\frac{2}{3} \times 1 = \frac{2}{3}$. $\frac{2}{3} \times 1 = \frac{2}{3}$.

7. $\frac{1}{2} \times \frac{1}{3}$

Expected Answer: $\frac{1}{6}$. $\frac{1}{6}$.

8. $\frac{4}{9} \div \frac{2}{3}$

Expected Answer: $\frac{2}{3}$. $\frac{2}{3}$.

Multiple Choice Questions – Correct Answers

1. $\frac{4}{6}$

Correct Answer: $\frac{2}{3}$

2. $\frac{1}{2} - \frac{1}{8}$

Correct Answer: $\frac{3}{8}$

3. $\frac{1}{3} + \frac{1}{4}$

Correct Answer: $\frac{7}{12}$

4. $\frac{1}{3} * \frac{1}{4}$

Correct Answer: $\frac{1}{12}$

5. $(\frac{1}{2}) / (\frac{1}{2})$

Correct Answer: $\frac{1}{2}$

6. $\frac{3}{5} * \frac{1}{4}$

Correct Answer: $\frac{3}{20}$

7. $(\frac{3}{5}) / (1)$

Correct Answer: $\frac{3}{5}$

8. $(\frac{1}{2}) / (\frac{1}{3})$

Correct Answer: $3/2$