



**THIRD SPACE  
LEARNING**

# Multiplying Fractions Worksheet

Number and Quantity

**Grades 4 to 5**

## Questions

Name: .....

Date: .....



Write the equation shown by the model:  $\_\_\_ \times \_\_\_$

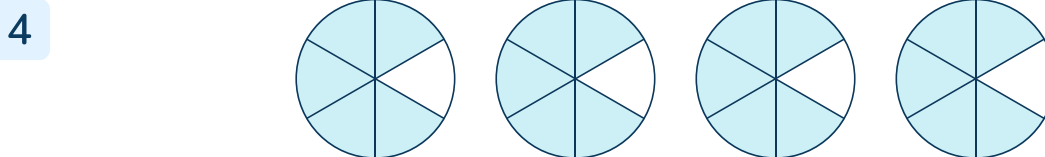
Answer

2  $5 \times \frac{1}{8} = \_\_\_$

Answer

3  $\_\_\_ \times \frac{1}{12} = \frac{9}{12}$

Answer



Write the equation shown by the model:  $\_\_\_ \times \_\_\_$

Answer

5  $6 \times \frac{4}{10} = \_\_\_$

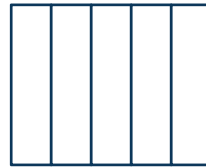
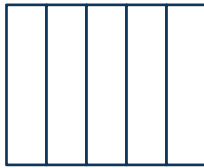
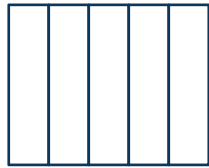
Answer

## Multiplying Fractions Worksheet | Grades 4 to 5

6  $\text{---} \times \frac{2}{5} = \frac{6}{5}$

Answer

7 Use the model to solve  $\frac{2}{5} \times 3 = \text{---}$



Answer

8  $5 \times \frac{3}{4} = \text{---}$

Answer

9 Some apples are cut into 6 slices. Liam eats  $\frac{2}{6}$  of an apple every day for 4 days. How many apples does he eat in total?

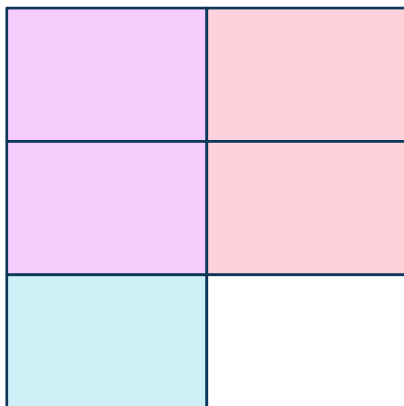
Answer

10 A recipe needs  $\frac{3}{8}$  of a cup of water. How much water is needed for 5 recipes?

Answer

## Multiplying Fractions Worksheet | Grades 4 to 5

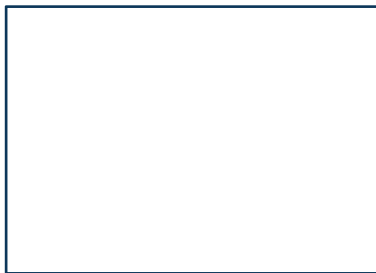
- 11 Complete the equation shown by the model.



$$\underline{\quad} \times \underline{\quad} = \frac{2}{6}$$

Answer

- 12 Solve using a model.



$$\frac{2}{5} \times \frac{1}{4} = \underline{\quad}$$

Answer

- 13  $\frac{3}{4} \times \frac{1}{5} = \underline{\quad}$

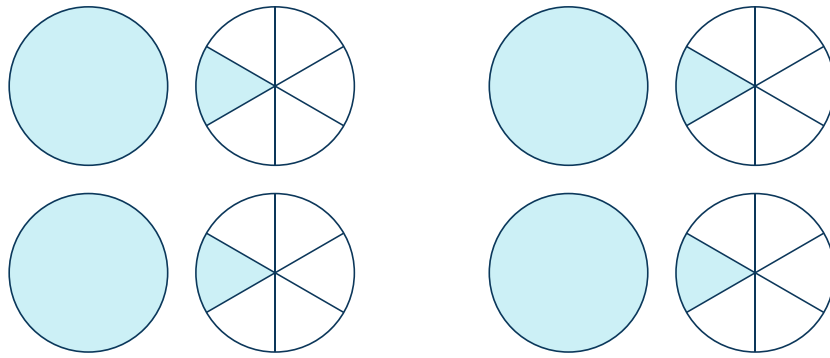
Answer

- 14  $\frac{5}{12} \times \frac{2}{3} = \underline{\quad}$

Answer

## Multiplying Fractions Worksheet | Grades 4 to 5

15



Write the equation shown by the model:  $\_\_\_ \times \_\_\_$

Answer

16  $1\frac{1}{2} \times 5 = \_\_\_$

Answer

17  $3\frac{2}{3} \times \frac{1}{4} = \_\_\_$

Answer

18  $\frac{4}{5} \times 2\frac{1}{10} = \_\_\_$

Answer

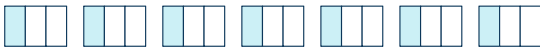
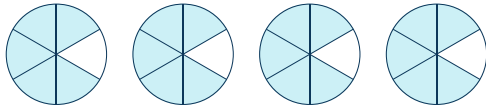

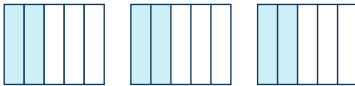
19  $4\frac{1}{5} \times 3\frac{5}{6} = \_\_\_$

Answer

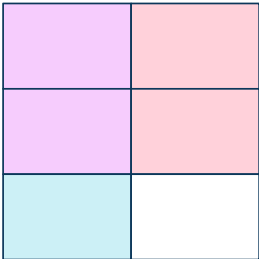

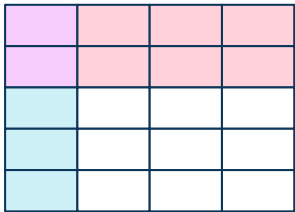
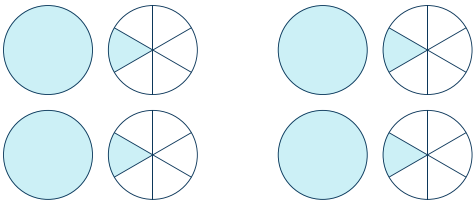
20  $2\frac{3}{8} \times 6\frac{1}{2} = \_\_\_$

Answer

## Answers

Question number	Question	Answers	Standard
1	 <p>Write the equation shown by the model: ____</p>	$7 \times \frac{1}{3}$	4.NF.B.4a
2	$5 \times \frac{1}{8} = \underline{\hspace{2cm}}$	$\frac{5}{8}$	4.NF.B.4a
3	$\underline{\hspace{2cm}} \times \frac{1}{12} = \frac{9}{12}$	9	4.NF.B.4a
4	 <p>Write the equation shown by the model: ____ <math>\times</math> ____</p>	$4 \times \frac{5}{6}$	4.NF.B.4b
5	$6 \times \frac{4}{10} = \underline{\hspace{2cm}}$	$\frac{24}{10}$ or $2 \frac{4}{10}$ or $2 \frac{2}{5}$	4.NF.B.4b
6	$\underline{\hspace{2cm}} \times \frac{2}{5} = \frac{6}{5}$	3	4.NF.B.4b
7	<p>Use the model to solve <math>\frac{2}{5} \times 3 = \underline{\hspace{2cm}}</math></p> 	$\frac{2}{5} \times 3 = \frac{6}{5}$ or $1 \frac{1}{5}$ 	4.NF.B.4b
8	$5 \times \frac{3}{4} = \underline{\hspace{2cm}}$	$\frac{15}{4}$ or $3 \frac{3}{4}$	4.NF.B.4b
9	Some apples are cut into 6 slices. Liam eats $\frac{2}{6}$ of an apple every day for 4 days. How many apples does he eat in total?	$4 \times \frac{2}{6} = \frac{8}{6}$ or $1 \frac{2}{6}$ or $1 \frac{1}{3}$	4.NF.B.4b
10	A recipe needs $\frac{3}{8}$ of a cup of water. How much water is needed for 5 recipes?	$5 \times \frac{3}{8} = \frac{15}{8} = 1 \frac{7}{8}$	4.NF.B.4b

# Multiplying Fractions Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
11	<p>Complete the equation shown by the model.</p>  <p>___ <math>\times</math> ___ = <math>\frac{2}{6}</math></p>	$\frac{1}{2} \times \frac{2}{3} = \frac{2}{6}$	5.NF.B.4b
12	<p>Solve using a model.</p>  <p><math>\frac{2}{5} \times \frac{1}{4} = \underline{\hspace{2cm}}</math></p>	<p><math>\frac{1}{4}</math></p>  <p><math>\frac{2}{5} \times \frac{1}{4} = \frac{2}{10}</math></p>	5.NF.B.4b
13	$\frac{3}{4} \times \frac{1}{5} = \underline{\hspace{2cm}}$	$\frac{3}{20}$	5.NF.B.4b
14	$\frac{5}{12} \times \frac{2}{3} = \underline{\hspace{2cm}}$	$\frac{10}{36}$ or $\frac{5}{18}$	5.NF.B.4b
15	 <p>Write the equation shown by the model: ___</p>	$4 \times 1\frac{1}{6}$	5.NF.B.4b
16	$1\frac{1}{2} \times 5 = \underline{\hspace{2cm}}$	$7\frac{1}{2}$	5.NF.B.4b
17	$3\frac{2}{3} \times \frac{1}{4} = \underline{\hspace{2cm}}$	$\frac{11}{12}$	5.NF.B.4b
18	$\frac{4}{5} \times 2\frac{1}{10} = \underline{\hspace{2cm}}$	$\frac{42}{25}$ or $1\frac{17}{25}$	5.NF.B.4b

## Multiplying Fractions Worksheet | Grades 4 to 5 | Answers

Question number	Question	Answers	Standard
19	$4\frac{1}{5} \times 3\frac{5}{6} = \text{---}$	$\frac{161}{10}$ or $16\frac{1}{10}$	5.NF.B.4b
20	$23\frac{3}{8} \times 61\frac{1}{2} = \text{---}$	$\frac{247}{16}$ or $15\frac{7}{16}$	5.NF.B.4b






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