MATH

Adding and subtracting fractions

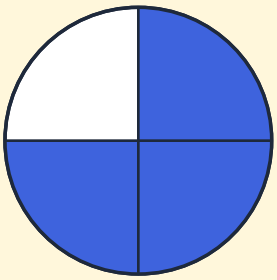


Name _____ Date _____

🎯 **I can add and subtract fractions with the same denominator.**

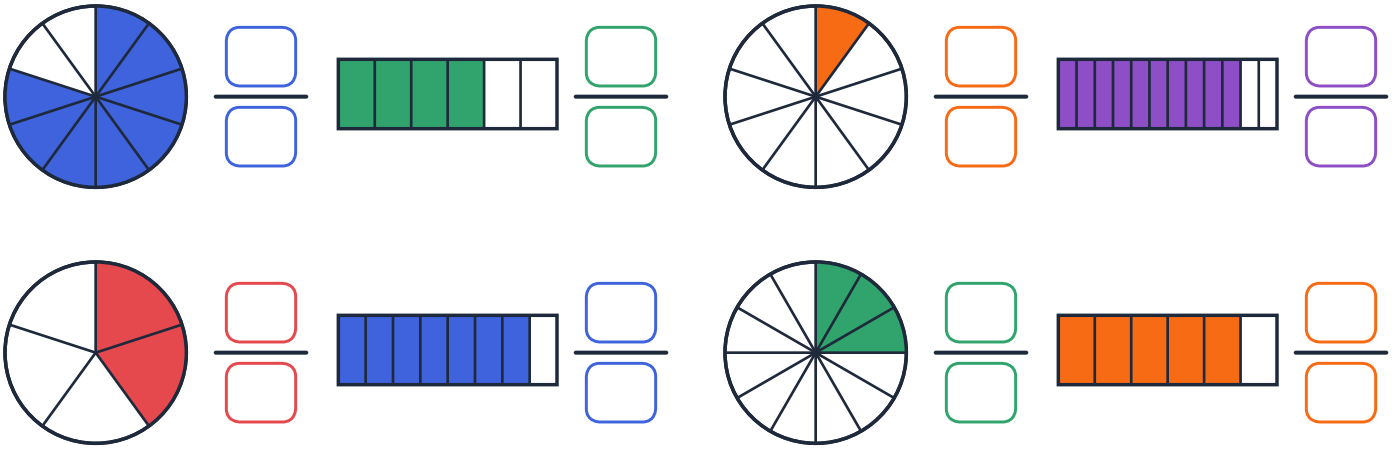
1 How it works 💡

When the bottom numbers are the same, add or subtract the top numbers and keep the bottom: 2/8 + 3/8 = 5/8. The pieces stay the same size.



$\frac{3}{4}$ parts shaded / equal parts

2 What fraction is shaded? ✏️



How did I do? ☆ ☆ ☆

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Add with fraction bars

Name _____ Date _____

I can add fractions with the same denominator.

1 Shade both parts. Write the sum.

Add the tops. The bottom stays the same.

$\frac{1}{6} + \frac{4}{6} = \frac{\square}{\square}$



$\frac{1}{3} + \frac{1}{3} = \frac{\square}{\square}$



$\frac{1}{5} + \frac{4}{5} = \frac{\square}{\square}$



$\frac{1}{4} + \frac{2}{4} = \frac{\square}{\square}$



$\frac{1}{3} + \frac{2}{3} = \frac{\square}{\square}$



How did I do?

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Add and subtract

Name _____ Date _____

I can add and subtract fractions with the same bottom number.

1 Solve. The bottom number stays the same.

$\frac{1}{6} + \frac{4}{6} = \frac{\square}{\square}$ $\frac{1}{3} + \frac{1}{3} = \frac{\square}{\square}$ $\frac{3}{5} - \frac{1}{5} = \frac{\square}{\square}$

$\frac{1}{5} + \frac{4}{5} = \frac{\square}{\square}$ $\frac{10}{12} - \frac{1}{12} = \frac{\square}{\square}$ $\frac{1}{4} + \frac{2}{4} = \frac{\square}{\square}$

$\frac{1}{3} + \frac{2}{3} = \frac{\square}{\square}$ $\frac{5}{5} - \frac{3}{5} = \frac{\square}{\square}$ $\frac{4}{8} + \frac{3}{8} = \frac{\square}{\square}$

$\frac{1}{12} + \frac{8}{12} = \frac{\square}{\square}$ $\frac{4}{8} - \frac{1}{8} = \frac{\square}{\square}$ $\frac{1}{4} + \frac{3}{4} = \frac{\square}{\square}$

How did I do? ☆ ☆ ☆

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Word problems



Name _____ Date _____

🎯 **I can use fractions to solve problems.**

1 Read, think, answer

📚 Draw a picture or a bar if it helps.

1 Ali ate 1/8 of a cake and Mia ate 3/8. How much did they eat together?



Answer: _____

2 Mia painted 6/8 of a fence. How much is left to paint?



Answer: _____

3 Ali walked 3/5 of a mile in the morning and 1/5 in the afternoon. How far in all?



Answer: _____

4 There was 7/8 of a watermelon. The family ate 4/8. How much is left?



Answer: _____

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: adding and subtracting fractions

1 Page 1

Shaded: 8/10, 4/6, 1/10, 10/12, 2/5, 7/8, 3/12, 5/6.

2 Page 2

1/6 + 4/6 = 5/6
1/3 + 1/3 = 2/3
1/5 + 4/5 = 5/5
1/4 + 2/4 = 3/4
1/3 + 2/3 = 3/3

3 Page 3

Solve: 1/6 + 4/6 = 5/6, 1/3 + 1/3 = 2/3, 3/5 − 1/5 = 2/5, 1/5 + 4/5 = 5/5, 10/12 − 1/12 = 9/12, 1/4 + 2/4 = 3/4, 1/3 + 2/3 = 3/3, 5/5 − 3/5 = 2/5, 4/8 + 3/8 = 7/8, 1/12 + 8/12 = 9/12, 4/8 − 1/8 = 3/8, 1/4 + 3/4 = 4/4.

4 Page 4: word problems

1) 4/8
2) 2/8
3) 4/5 of a mile
4) 3/8

5 Teaching tip 💡

A common mistake is adding the bottoms too (2/8 + 3/8 = 5/16). Ask: did the pieces get smaller? No, so the bottom stays 8.

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