

Name \_\_\_\_\_

Practice

10-3

## Adding Fractions with Unlike Denominators

Find each sum. Simplify if necessary.

1.  $\frac{2}{9} + \frac{1}{3}$  \_\_\_\_\_

2.  $\frac{1}{7} + \frac{3}{21}$  \_\_\_\_\_

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

4.  $\frac{1}{4} + \frac{2}{3}$  \_\_\_\_\_

5.  $\frac{1}{12} + \frac{4}{6}$  \_\_\_\_\_

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

Jeremy collected nickels for one week. He is making stacks of his nickels to determine how many he has. The thickness of one nickel is  $\frac{1}{16}$  in.

14. What is the combined height of 3 nickels, 2 nickels, and 1 nickel?
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15. **Number Sense** Which fraction is greatest? Use common multiples to create equivalent fractions with common denominators.

A  $\frac{5}{6}$

B  $\frac{7}{9}$

C  $\frac{2}{3}$

D  $\frac{9}{12}$

16. Which equivalent fraction would you have to change  $\frac{3}{5}$  to in order to add  $\frac{3}{5}$  to  $\frac{21}{25}$ ?
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## Division

$36 \div 6 =$	$28 \div 7 =$	$24 \div 4 =$	$48 \div 8 =$
$25 \div 5 =$	$3 \div 1 =$	$45 \div 9 =$	$10 \div 5 =$
$10 \div 5 =$	$6 \div 3 =$	$35 \div 5 =$	$20 \div 4 =$
$42 \div 6 =$	$5 \div 5 =$	$9 \div 1 =$	$3 \div 3 =$
$18 \div 6 =$	$1 \div 1 =$	$8 \div 4 =$	$24 \div 8 =$
$10 \div 5 =$	$27 \div 3 =$	$18 \div 9 =$	$42 \div 7 =$
$49 \div 7 =$	$40 \div 5 =$	$20 \div 5 =$	$8 \div 4 =$
$28 \div 7 =$	$56 \div 8 =$	$12 \div 2 =$	$12 \div 3 =$
$54 \div 6 =$	$6 \div 1 =$	$42 \div 7 =$	$18 \div 2 =$
$48 \div 8 =$	$18 \div 3 =$	$24 \div 3 =$	$24 \div 8 =$
$28 \div 7 =$	$30 \div 6 =$	$6 \div 6 =$	$56 \div 7 =$
$9 \div 9 =$	$32 \div 8 =$	$6 \div 2 =$	$3 \div 3 =$
$54 \div 9 =$	$3 \div 1 =$	$21 \div 7 =$	$12 \div 2 =$
$24 \div 8 =$	$12 \div 4 =$	$15 \div 3 =$	$9 \div 1 =$
$1 \div 1 =$	$12 \div 6 =$	$56 \div 8 =$	$35 \div 7 =$
$63 \div 9 =$	$2 \div 2 =$	$36 \div 4 =$	$42 \div 6 =$
$27 \div 9 =$	$36 \div 4 =$	$9 \div 1 =$	$6 \div 2 =$
$16 \div 2 =$	$36 \div 6 =$	$6 \div 3 =$	$6 \div 1 =$
$5 \div 1 =$	$45 \div 9 =$	$36 \div 9 =$	$9 \div 9 =$
$4 \div 1 =$	$10 \div 2 =$	$20 \div 5 =$	$24 \div 6 =$
$27 \div 3 =$	$16 \div 4 =$	$6 \div 1 =$	$45 \div 5 =$
$10 \div 2 =$	$18 \div 6 =$	$48 \div 6 =$	$4 \div 2 =$
$2 \div 1 =$	$18 \div 9 =$	$2 \div 2 =$	$5 \div 1 =$
$3 \div 3 =$	$4 \div 2 =$	$5 \div 5 =$	$6 \div 6 =$
$18 \div 3 =$	$4 \div 4 =$	$3 \div 1 =$	$15 \div 5 =$

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<p>Adding or Subtracting Fractions and Mixed Numbers # Original Problem      Equivalent Problem</p> <p style="text-align: center;">=</p> <p style="text-align: center;">=</p> <hr/> <p style="text-align: right;">=</p> <p style="text-align: right;">Simplest form</p> <p>Least Common Multiple: )  )</p>	<p>Adding or Subtracting Fractions and Mixed Numbers # Original Problem      Equivalent Problem</p> <p style="text-align: center;">=</p> <p style="text-align: center;">=</p> <hr/> <p style="text-align: right;">=</p> <p style="text-align: right;">Simplest form</p> <p>Least Common Multiple: )  )</p>
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