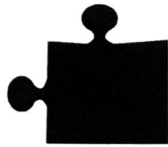


# Adding and Subtracting Rational Numbers

Name \_\_\_\_\_ Date \_\_\_\_\_



## Puzzle Time

### How Do You Make A Potato Puff?

Write the letter of each answer in the box containing the exercise number.

**Add. Write fractions in simplest form.**

1.  $\frac{5}{6} + \frac{8}{6} = 2\frac{1}{6}$       2.  $\frac{7}{10} + \left(-\frac{3}{5}\right) = \frac{1}{10}$   
 3.  $-\frac{9}{2} + \frac{5}{12} = -4\frac{1}{12}$       4.  $5\frac{1}{3} + \left(-\frac{5}{9}\right) = 4\frac{5}{9}$   
 5.  $3.6 + (-2.4) = 1.2$       6.  $-8.2 + 9.1 = 0.9$   
 7.  $6.8 + (-3.2) = 3.6$       8.  $-4.5 + (-4.7) = -9.2$   
 9.  $5.327 + (-2.25) = 3.077$       10.  $14.62 + (-11.302) = 3.318$

**Subtract. Write fractions in simplest form.**

11.  $\frac{3}{4} - \frac{9}{4} = -1\frac{1}{2}$       12.  $-3 - \frac{7}{2} = -6\frac{1}{2}$   
 13.  $-\frac{1}{5} - \left(-\frac{5}{11}\right) = \frac{4}{55}$       14.  $-\frac{5}{8} - \frac{2}{7} = -\frac{51}{56}$   
 15.  $-2\frac{2}{3} - 4\frac{1}{6} = -6\frac{5}{6}$       16.  $-7 - 3.2 = -10.2$   
 17.  $6.1 - 5.8 = 0.3$       18.  $-4.125 - (-2.8) = -1.325$   
 19.  $-12.33 - 7.211 = -19.541$       20.  $5.67 - (-3.142) = 8.812$

**Answers**

- |                     |                     |
|---------------------|---------------------|
| U. $\frac{14}{55}$  | H. $-6\frac{5}{6}$  |
| R. $2\frac{1}{6}$   | A. $-1\frac{1}{2}$  |
| I. 1.2              | E. $\frac{1}{10}$   |
| N. $-6\frac{1}{2}$  | H. $4\frac{7}{9}$   |
| T. $2\frac{1}{12}$  | R. $-4\frac{1}{12}$ |
| T. $-\frac{51}{56}$ | O. 0.3              |
| N. 0.9              | E. 3.6              |
| A. -10.2            | E. -9.2             |
| D. 8.812            | C. -19.541          |
| A. 3.318            | D. -1.325           |
| G. 3.077            | S. 16.4             |

21. Sara has  $4\frac{3}{4}$  yards of red fleece fabric and  $2\frac{2}{3}$  yards of blue fleece fabric. 2  $\frac{1}{12}$   
 How many more yards of red fleece than blue fleece does she have?
22. On Saturday, you biked 7.5 miles. On Sunday, you biked 8.9 miles. How many miles did you bike altogether? 16.4

19	4	11	22	8	5	14	10	1	17	13	6	18	21	15	2	9	16	3	20	7	12
C	H	A	S	E	I	T	A	R	O	U	N	D	T	H	E	G	A	R	D	E	N