

SPIRALS

7

NAME:

6th Grade

Compute. Show all work. No work = NO CREDIT

1) $6.7 + 0.321$

2) $2.49 - 1.763$

3) $0.2(0.142)$

4) $3.6 \div 6$

5) $0.4 + 21.64$

6) $7.6 - 3.52$

7) $3.61(0.4)$

8) $5 \div 0.025$

Compute. Show work. No work = No credit.

$$1) \frac{3}{7} + \frac{4}{5}$$

$$2) \frac{4}{5} - \frac{3}{7}$$

$$3) \frac{4}{5} \left(\frac{3}{7} \right)$$

$$4) \frac{4}{5} \div \frac{3}{7}$$

$$5) \frac{2}{3} + \frac{2}{9}$$

$$6) \frac{2}{3} - \frac{2}{9}$$

$$7) \frac{2}{3} \left(\frac{2}{9} \right)$$

$$8) \frac{2}{3} \div \frac{2}{9}$$

Compute.

$$1) 6 - (5 - 3) + 10$$

$$2) 8 + 14 \div 7 \times 3 - 5$$

$$3) 2 + 30 - 5 \cdot 2^2$$

$$4) 15 \div 3 \cdot 10 \div 2$$

$$5) 2^3 - 8 \div 4 \cdot 2$$

$$6) (6 + 3)^2 - 8 \div 4 \cdot 3$$

$$7) 6 - 1 \cdot 0 + 2 \div 2$$

$$8) 5 + 3^2 - 8$$

Decide if the tables are proportional.
If they are, find the constant of proportionality.

1)

x	y
3	15
7	35
13	65

2)

x	y
6	3
11	5.5
17	8.5

3)

x	y
2	4
7	21
9	36

4)

x	y
3	1
5	$1\frac{2}{3}$
9	3