

Find Pairs of Values 2

1. Draw lines to match the pairs of values to the equations to make them correct.

$$2b + 6 = a$$

$$a = 11 \text{ and } b = 38$$

$$6b - 4 = a$$

$$a = 66 \text{ and } b = 30$$

$$3a + 5 = b$$

$$a = 68 \text{ and } b = 12$$

2. Fill in the blanks below to find pairs of values which satisfy the equation.

$$3b \div 5 = a$$

$$a = \square \quad b = \square$$

$$a = \square \quad b = \square$$

$$a = \square \quad b = \square$$

$$a = \square \quad b = \square$$

$$a = \square \quad b = \square$$

3. James has found pairs of values for a and b to make the following statement true.

a	b
2	10
9	4
6	5
11	12
16	20

$$2a + b < 4b - a$$

James has made some errors. Identify and explain his errors.