Friday (medium) – LO: to find pairs of values.

Varied fluency

5a. Match the pairs of numbers to the equations.

2.25 + 3.25	$c \times d = 36$
76 + 3.5	$c + d = 5\frac{1}{2}$
12 x 3	$c + d = 79.5$
16 x 6	$c \times d = 96$

VF

6a. True or false?

$$a \times b = 2.4$$

$a = 2, b = 1.4$

VF

7a. Which of the options fit the equation?

$$m - n = 46$$

A. $m = 82.4$ $n = 36.4$

B. $m = 12$ $n = 35$

C. $m = 72$ $n = 32$

D. $m = 75.7$ $n = 29.7$

VF

8a. Find three possible variables for x and y.

$$2x - y = 5.5$$

One value is odd.

VF

Reasoning and problem solving

4b. Daley writes the following equation:

$$3a + b = 22$$

He writes three possible pairs in his book:

A. $a = 6, b = 4$

B. $a = 8, b = 2$

C. $a = 5, b = 7$

Which is the odd one out? Explain your answer.

R

5b. What pair of values have been used in the following equations if the values are always the same?

$a + b$	=	15.2
$a \times b$	=	38.4
$a \div b$	=	3.75
$a - b$	=	8.8

PS

6b. Russell is finding pairs for the equation

$$a + b = -6$$

He says,

Both values must be negative because the answer is negative.

Is Russell correct? Explain why.

R