

## TUESDAY LEVEL 3 FLUENCY WEE K 7

5 Solve the equations.

a)  $x + 7 = 20$

d)  $g - 3 = 15$

$x = \boxed{\phantom{00}}$

$g = \boxed{\phantom{00}}$

b)  $10y = 80$

e)  $32 = t - 5$

$y = \boxed{\phantom{00}}$

$t = \boxed{\phantom{00}}$

c)  $4m = 22$

f)  $\frac{u}{6} = 3$

$m = \boxed{\phantom{00}}$

$u = \boxed{\phantom{00}}$

6 Filip thinks of a number.

He subtracts 5 from his number.

He ends up with 10

Write an algebraic equation to represent Filip's problem.

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Solve the equation to work out his number.

9a. Circle the equation that is the odd one out.

$$a^2 = 30\frac{1}{4}$$

$$25.5 \div 10 = a$$

$$12a = 30.6$$



VF

10a. Which representation matches the expression  $2m + 0.5$ ?

A.

B.

C.



VF

11a. Compare the value of the letters in each equation using  $<$ ,  $>$  or  $=$ .

$$c^2 = 169 \quad \boxed{\phantom{00}} \quad d - 0.5 = 2 \quad \boxed{\phantom{00}} \quad e - 10 = -7.5$$



VF

12a. What numbers would balance the equations below?

A.  $c \div 8 = 6.5$

B.  $b = 81 \div b$

C.  $7n = 1.4$