

If I know... then I know...

$$6e + 4 = f$$

When  $e = 6$ ,  $f = \boxed{40}$

*e* is now worth  
2 less.

$$2 \times 6 = 12$$

So I need to minus  
12 to solve.

$$52 - 12 = 40.$$

To check:  $6 \times 6 = 36$

$$36 + 4 = 40 \checkmark$$

When  $e = 8$ ,  $f = 52$

When  $e = \boxed{9}$   $f = 58$

This answer is  
6 more. As there are  
6 *e*'s, this means  
each *e* is worth 1  
more. So *e* is now 9.

To Check:  $6 \times 9 = 54$ .

$$54 + 4 = 58 \checkmark$$

Which answer?

$$3c - 4 = d$$

When  $c = 6$ , what is the value of  $d$ ?

(a)  $d = 32$

(b)  $d = 14 \checkmark$  Explain how you know.

*If*  $c = 6$ ,  $3c = 18$ .  $18 - 4 = 14$ .

(c)  $d = 5$