

Chapter 8 – Activity 4 - Question 1

Page 153-154

- 1 Max made up equations for some “I think of a number” problems.
Fill in the gaps to show how he built these equations.



a $n + 6 = 15$

I think of a number, n . n
I add _____, $n +$ _____
The answer is 15. $n +$ _____ = _____

b $3n = 9$

I think of a number, n . n
I multiply it by 3, _____
The answer is 9. _____

c $3n + 2 = 14$

I think of a number, n . n
I multiply by _____, _____
I add _____, _____
The answer is _____. _____

d $4n - 2 = 18$

I think of a number, n . n
I multiply by _____, _____
I subtract _____, _____
The answer is _____. _____

e $\frac{n}{2} = 6$

I think of a number, n . n
I divide by 2, _____
The answer is _____. _____

f $3(n + 4) - 6 = 15$

I think of a number, n . n
I add 4, _____
I multiply the answer by 3, _____
I subtract 6, _____
The answer is _____. _____

Chapter 8 – Activity 4 - Question 1

Page 153-154

- 1 Max made up equations for some “I think of a number” problems.
Fill in the gaps to show how he built these equations.



a $n + 6 = 15$

I think of a number, n . n
I add _____, $n +$ _____
The answer is 15. $n +$ _____ = _____

b $3n = 9$

I think of a number, n . n
I multiply it by 3, _____
The answer is 9. _____

c $3n + 2 = 14$

I think of a number, n . n
I multiply by _____, _____
I add _____, _____
The answer is _____. _____

d $4n - 2 = 18$

I think of a number, n . n
I multiply by _____, _____
I subtract _____, _____
The answer is _____. _____

e $\frac{n}{2} = 6$

I think of a number, n . n
I divide by 2, _____
The answer is _____. _____

f $3(n + 4) - 6 = 15$

I think of a number, n . n
I add 4, _____
I multiply the answer by 3, _____
I subtract 6, _____
The answer is _____. _____