

6th Grade Unit 3: Lesson 12-1

Check Your Understanding (p. 151):

5. $59 - \text{number} = 31$, let $n = \text{number}$,
 $59 - n = 31$
6. $10 \text{ times number} = 210$,
let $n = \text{number}$, $10n = 210$
7. $\text{number divided by } 12 = 9$,
let $n = \text{number}$, $\frac{n}{12} = 9$
8. $\$68 + \text{savings needed} = \125 ; let $s =$
savings needed, $\$68 + s = \125
9. equation
10. expression 11. equation

Lesson 12-1 Practice (p. 151):

12. $\text{number times } 5 = 35$,
let $n = \text{number}$, $5n = 35$
13. $12 - \text{number} = 9$, let $n = \text{number}$,
 $12 - n = 9$
14. $1,585 + \text{recycling} = 2,000$, let $r =$
recycling needed, $1,585 + r = 2,000$
15. $24 \times \text{trays} = 120$, let $t = \text{number of}$
trays, $24t = 120$
16. $\$1.99 \times \text{weeks} = \11.94 , let $w =$
number of weeks, $\$1.99w = \11.94
17. expression 18. expression
19. equation 20. equation