
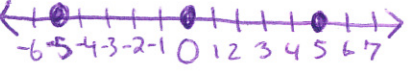



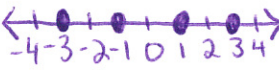

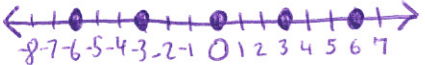


<p>1. </p>	<p>2. $-5, -2, 1, 3$</p>	<p>3. $\{0, 1, 2, 3, 4, \dots\}$</p>
<p>4. $\{\dots, -4, -2, 0, 2, 4, \dots\}$</p>	<p>5. -2</p>	<p>6. 0 (zero)</p>
<p>7. $\dots, -4, -2, 0, 2, 4, \dots$</p>	<p>8. the set of even integers</p>	<p>9. False. Zero is a whole #, but not a counting #</p>
<p>10. True, the whole #s include all the counting #s.</p>	<p>11. True; integers include counting #s, their opposites, and zero.</p>	<p>12. 21</p>
<p>13. 13</p>	<p>14. 0 (zero)</p>	<p>15. $5 > -7$ (greater than)</p>
<p>16. $-3 < -2$ (less than)</p>	<p>17. $-3 > -2$ (greater than)</p>	<p>18. </p>
<p>19. 5 and -5</p>	<p>20. 5 and -5</p>	<p>21. </p>
<p>22. 3 and -3</p>	<p>23. </p>	<p>24. -10</p>
<p>25. 0 (zero)</p>	<p>26. 2</p>	<p>27. 0 (zero)</p>
<p>28. C. Integers</p>	<p>29. A. counting (natural) #s B. whole #s C. integers</p>	<p>30. D. None of these</p>

<p>★ 1. 75</p>	<p>★ 2. 4</p>	<p>3. $30 - 20 = 10$ $30 - 10 = 20$</p>
<p>4. $200 \div 20 = 10$ $200 \div 10 = 20$</p>	<p>★ 5. a. $17 \cdot (25 \cdot 4)$ b. 1700 c. commutative property ($17 \cdot 25$)$\cdot 4$; associative $17 \cdot (25 \cdot 4)$</p>	<p>6. $\{1, 2, 3, \dots\}$</p>
<p>7. $\{0, 1, 2, 3, \dots\}$</p>	<p>8. $\{\dots, -2, -1, 0, 1, 2, \dots\}$</p>	<p>9. False. Zero is a whole # but not a counting #</p>
<p>10. True; integers include all the counting #s</p>	<p>11. -3, -2, 0, 1, 4</p>	<p>12. a. 12 b. 11</p>
<p>★ 13. Identity Property of Multiplication</p>	<p>★ 14. Identity Property of Addition</p>	<p>★ 15. Zero Property of Multiplication</p>
<p>★ 16. Associative Property of Addition</p>	<p>★ 17. Commutative Property of Multiplication</p>	<p>18. a. Addition, Subtraction, Multiplication, Division b. subtraction and division</p>
<p>★ 19. 10 and -10</p>	<p>★ 20. a. $0 > -1$ b. $-2 > -3$ c. $-2 < -3$</p>	<p>★ 21. </p>
<p>22. -20</p>	<p>23. 0 (zero)</p>	<p>★ 24. A. counting (natural) #s B. whole #s C. integers</p>
<p>★ 25. C. Integers</p>	<p>★ 26. D. none of these</p>	<p>27. 4,164</p>
<p>★ 28. -4164</p>	<p>29. 38,220</p>	<p>30. 203</p>

<p>★ 1. Comparing $5\text{min } 8\text{sec} - 4\text{min } 55\text{sec} = d$ <u>13 seconds</u></p>	<p>★ 2. Combining $^{\\$}20 + ^{\\$}25 + ^{\\$}30 = t$ <u>$^{\\$}75$</u></p>	<p>★ 3. separating $12\text{in.} - a = 8\text{in.}$ <u>4 inches</u></p>
<p>★ 4. Combining $^{\\$}15 + m = ^{\\$}32$ <u>$^{\\$}17$</u></p>	<p>★ 5. comparing $132 - 123 = d$ <u>9 pages</u></p>	<p>★ 6. separating $12 - 2 = d$ <u>10 eggs</u></p>
<p>7. <u>Sample:</u> Eric had $^{\\$}10$ in his wallet. He spent $^{\\$}4.05$ on ice cream. How much does he have left?</p>	<p>8. <u>3, -3</u></p>	<p>9. <u>-6, -4, -2, 3, 5</u></p>
<p>10. a. $-5 < 1$ b. $-1 > -2$</p>	<p>11. a. $-10 < 10$ b. $-10 = 10$</p>	<p>12. <u>=</u> (equal)</p>
<p>13. a. 12 b. 6 and 4</p>	<p>14. a. 5 b. 2 and 3</p>	<p>★ 15. a. $(4 \cdot 25) \cdot 37$ b. $4 \cdot (25 \cdot 37)$ commutative $(4 \cdot 25) \cdot 37$ associative c. 3700</p>
<p>16. <u>$19 > -19$</u></p>	<p>17. <u>$5 + 12 = 12 + 5$</u></p>	<p>18. <u>$(2+3)+5 = 2+(3+5)$</u> ↑ one possibility</p>
<p>19. </p>	<p>20. <u>-5</u></p>	<p>21. $3+6=9$ $9-6=3$ $9-3=6$</p>
<p>22. $4 \cdot 2 = 8$ $\frac{8}{4} = 2$ $\frac{8}{2} = 4$</p>	<p>23. <u>0</u> (zero)</p>	<p>24. <u>5</u></p>
<p>★ 25. $t=1$ Identity Property of Multiplication</p>	<p>★ 26. $u=0$ Identity Property of Addition</p>	<p>★ 27. $x=0$ Zero Property of Multiplication</p>
<p>28. <u>$^{\\$}9.10$</u></p>	<p>29. <u>$^{\\$}59.63$</u></p>	<p>30. <u>$^{\\$}4.01$</u></p>

<p>1. 7 members</p>	<p>2. 60 eggs</p>	<p>3. 6 markers Since $6 \times 800 \text{ m} = 4800 \text{ m}$, it is reasonable that 6 markers will be used. (Trail is not long enough for a 7th marker at 5600m)</p>
<p>4. $C = 3 \times \\$1.98$</p>	<p>5. 4 buses. 3 buses can only hold 180 people. So another bus is needed (it will not be full)</p>	<p>6. 9 cm</p>
<p>7. \$24</p>	<p>8. 8 hours</p>	<p>9. Jason had \$5 and bought a carton of strawberries. He left with \$1.50 in his wallet. How much did the carton cost? (Sample)</p>
<p>10. Emily spent \$125 on tickets for a concert. The tickets cost \$25 each. How many tickets did she buy? (SAMPLE)</p>	<p>11. -4, -3, -1, 2, 5</p>	<p>12. a. $-7 > -8$ b. $5 > -6$</p>
<p>13. a. $-7 < -8$ b. $1 = -1$</p>	<p>14. 7 and -7</p>	<p>15. 1 and -1</p>
<p>16. $\{\dots, -3, -1, 1, 3, \dots\}$</p>	<p>17. </p>	<p>18. a. 6 and 5 b. 4</p>
<p>19. a. 8 b. 10</p>	<p>20. a. $(3+17)+28$ b. $3+(17+28)$ commutative prop. of addition $(3+17)+28$ associative prop. of addition</p>	<p>21. $7 > -7$</p>
<p>22. $7 \cdot 3 = 21$ $\frac{21}{3} = 7$ $\frac{21}{7} = 3$</p>	<p>23. $4+2=6$ $6-4=2$ $6-2=4$</p>	<p>24. -10</p>
<p>25. 4 groups of 20</p>	<p>26. 48 in. to 59 in</p>	<p>27. 20 tickets for \$6 each</p>
<p>28. $\{0, 1, 2, 3, \dots\}$</p>	<p>29. integers</p>	<p>30. $\frac{1}{2}$ and $-\frac{1}{2}$</p>

<p>1. 440 yards</p>	<p>2. $\frac{2}{5}, \frac{2}{4}, \frac{2}{3}$</p>	<p>3. 400 fans</p>
<p>4. 32 words per minute</p>	<p>5. 264 rolls</p>	<p>6. 350 minutes</p>
<p>7. 14 boxes can be filled</p>	<p>8. \$246</p>	<p>9. 6,000 voters</p>
<p>10. A. $c = 19 \cdot \\$2.98$</p>	<p>11. \$10</p>	<p>12. \$8</p>
<p>13. It took James 20 seconds to fold + stuff a letter into an envelope. How long would it take him to fold + stuff 3 letters?</p>	<p>14. michelle bought a 10-lb. bag of dog food. After 2 weeks, there were 3 lbs. left. How many lbs. of food did her dog eat?</p>	<p>15. 13 mL</p>
<p>16. -5, -3, 0, 4, 7</p>	<p>17. $\frac{1}{2} > \frac{7}{15}$</p>	<p>18. 6 and -6</p>
<p>19. sample: 1+5 ; 2+4</p>	<p>20. sample: 2.3 ; 1.6</p>	<p>21. sample: $(2 \cdot 3) \cdot 4 = 2 \cdot (3 \cdot 4)$</p>
<p>22. </p>	<p>23. 50 and -50</p>	<p>24. $10 - 4 = 6$ $4 + 6 = 10$ $6 + 4 = 10$</p>
<p>25. $5 \cdot 6 = 30$ $30 \div 6 = 5$ $30 \div 5 = 6$</p>	<p>26. 0 (zero)</p>	<p>27. $-8 < -6$</p>
<p>28. True. Integers include all counting #s.</p>	<p>29. False. The fraction $\frac{1}{2}$ is not an integer.</p>	<p>30. $6 \cdot (17 \cdot 50)$ Given $6 \cdot (50 \cdot 17)$ Commutative prop. $(6 \cdot 50) \cdot 17$ Associative Prop. $300 \cdot 17$ multiply $6 \cdot 50$</p>
		<p>5100 multiply $300 \cdot 17$</p>