

Answer Key

Challenge: Skills and Applications

1. $\frac{b-5}{a-2}$ or $\frac{5-b}{2-a}$ 2. undefined 3. 0
4. -1 5. *Sample answer:* $a = 1$ and $b = 4$
6. *Sample answer:* $a = 3$ and $b = 4$ 7. $a < 2$
8. $a > 2$ 9. 4 10. 2 11. -8 12. 3