6.EE.3: Worksheet

- 1. Which mathematical property tells us that 13 + 2 and 2 + 13 are equivalent?
- 6. Write three expressions that are equivalent to 4(w+3)-2.
- 2. Which mathematical property tells us that 11+(6+9) and (11+6)+9 are equivalent?
- 7. Write three expressions that are equivalent to a + a + a + a.
- 3. Write an expression that's equivalent to 6x 18? Which mathematical property did you use to create your new expression?
- 8. Use the commutative and associative properties only to rewrite the expression 4(b+2)+3(d+1) in three different ways.

- 4. Write an expression that is equivalent to y + 16.
- 9. Can you use the distributive property to show that y+y+y and 3y are equivalent expressions? Explain.
- 5. Write two expressions that are equivalent to (19 7)z + z.
- 10. Come up with your own expression and rewrite it in at least five different ways.

6.EE.3: Worksheet

©2014 Shmoop University, Inc. All rights reserved. For classroom use only. Want to print this out for your classroom? Go for it. All other reproduction and distribution is prohibited.