

# \* Homework for Wed night 1 1/2



## Applying Properties of Operations

Name: \_\_\_\_\_

Apply the distributive property to produce an equivalent expression.

- 1)  $y + y + y + y + y + y + y + y$
- 2)  $6(4t + 4)$
- 3)  $27n + 9$
- 4)  $c + c + c$
- 5)  $j + j + j + j + j + j$
- 6)  $21z + 6$
- 7)  $32 + 64p$
- 8)  $7(2 + 3s)$
- 9)  $6r + 12$
- 10)  $18 + 10g$
- 11)  $45 + 72f$
- 12)  $40 + 20b$
- 13)  $9(6 + 2w)$
- 14)  $24 + 32u$
- 15)  $m + m + m + m + m + m + m + m$
- 16)  $5(8 + 6v)$
- 17)  $k + k + k + k + k + k$
- 18)  $6(8a + 4)$
- 19)  $72h + 36$
- 20)  $7(4e + 7)$

Choose which method to create an equivalent expression:

- A. Distributive Property
- B. Factoring Out
- C. Combining Like Terms

### Answers

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2. \_\_\_\_\_
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