Select the correct answer(s) from the given options:

1. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(2(3 + 6y)\)
   a) \(6 + 6y\)
   b) \(6 + 12y\)
   c) \(6y + 12\)
   d) \(3 + 12y\)

   Answer:____________________

2. Use the distributive property of operations and choose the correct equivalent expressions for the given expression.
   \(16k + 24\)
   a) \(8(4k +6)\)
   b) \(4(4k +8)\)
   c) \(4(4k + 6)\)
   d) \(8(2k + 3)\)

   Answer:____________________

3. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(r + r + r + r\)
   a) \(5 + r\)
   b) \(r + 4\)
   c) \(5r\)
   d) \(4r\)

   Answer:____________________

4. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(6 (3u + 4)\)
   a) \(12u + 18\)
   b) \(12u + 24\)
   c) \(18u + 24\)
   d) \(18u + 10\)

   Answer:____________________
5. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

\[ 5(6x - 4) \]

a) 30x - 9  
b) 6x - 4  
c) 30x - 20  
d) 30x - 4  

Answer:____________________

6. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

\[ 15 - 21p \]

a) 5(3 - 7p)  
b) 3(5 - 7p)  
c) 15(5 - 7p)  
d) 3(5 - 21p)  

Answer:____________________

7. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

\[ r + 3 + 5r + 9 \]

a) 4r + 12  
b) 6(r + 2)  
c) 6r + 9  
d) 3(2r + 3)  

Answer:____________________

8. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

\[ 3m + 12 \]

a) 3(m + 4)  
b) 3(m + 3)  

Answer:____________________

9. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

\[ 6k + 14 \]

a) 3(2k + 7)  
b) 2(3k + 7)  

Answer:____________________

10. Use the distributive property of operations and choose the correct equivalent expression for the given expression.

\[ 8k - 8 + 3k - 14 \]

a) 11k - 6  
b) 5k - 6  
c) 11(k - 2)  
d) 11(k + 2)  

Answer:____________________
11. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(6 + 3y + 4y + 5\)
   a) \(7y + 11\)
   b) \(7y + 1\)
   c) \(y + 11\)
   d) \(11y + 7\)

   Answer: ______________________

12. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(s + s + s + s + s + s\)
   a) \(5 + s\)
   b) \(6s\)
   c) \(5s\)
   d) \(6 + s\)

   Answer: ______________________

13. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(25t + 5\)
   a) \(25(t + 1)\)
   b) \(5(5t + 1)\)

   Answer: ______________________

14. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(18q + 9\)
   a) \(2(9q + 1)\)
   b) \(2(1q + 9)\)

   Answer: ______________________

15. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(8k + 28\)
   a) \(2(4k + 12)\)
   b) \(4(2k + 7)\)

   Answer: ______________________

16. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
   \(42p + 54\)
   a) \(6(7p + 9)\)
   b) \(7(6p + 9)\)

   Answer: ______________________
17. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
\[5m + 4 - 3m + 8\]
(a) 8m + 4
(b) 8m + 12
(c) 2(m + 6)
(d) 2m + 4
Answer: ____________________

18. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
\[60 + 10n\]
(a) 5(6 + 10n)
(b) 10(6 + n)
(c) 6(10 + n)
(d) 10(6 + 5n)
Answer: ____________________

19. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
\[27s + 72\]
(a) 9(3s + 7)
(b) 8(9s + 9)
(c) 3(9s + 8)
(d) 9(3s + 8)
Answer: ____________________

20. Use the distributive property of operations and choose the correct equivalent expression for the given expression.
\[12 + 52q\]
(a) 13(3 + 4q)
(b) 13(4 + 1q)
(c) 4(3 + 13q)
(d) 13(3 + 13q)
Answer: ____________________
Answer Sheet

1. 6 + 12y
2. 8(2k + 3), 4(4k + 6)
3. 4r
4. 18u + 24
5. 30x - 20
6. 3(5 - 7p)
7. 6(r + 2)
8. 3(m + 4)
9. 2(3k + 7)
10. 11(k - 2)
11. 7y + 11
12. 6s
13. 5(5t + 1)
14. 2(9q + 1)
15. 4(2k + 7)
16. 6(7p + 9)
17. 2(m + 6)
18. 10(6 + n)
19. 9(3s + 8)
20. 4(3 + 13q)