TAHNOON BIN MOHAMMED (2021-2022)

MATH QUIZ (GRADE 6) - TERM 2

CHAPTER 7 - EQUATIONS

Write the letter for the correct answer in the blank at the right of each question.

What is the solution of each equation?

1. $8 + g = 18$

A. 26 **B.** 11 **C.** 10 **D.** 8 **1.** _____

2. $p - 10 = 5$

F. 11 **G.** 14 **H.** 15 **I.** 16 **2.** _____

3. $6w = 60$

A. 6 **B.** 10 **C.** 12 **D.** 30 **3.** _____

4. $\frac{d}{14} = 7$

F. 2 **G.** 7 **H.** 21 **I.** 98 **4.** _____

5. $y + 7 = 11$

A. 18 **B.** 17 **C.** 5 **D.** 4 **5.** _____

6. $13 = t + 2$

F. 15 **G.** 13 **H.** 11 **I.** 9 **6.** _____

7. $a - 5 = 12$

A. 5 **B.** 7 **C.** 17 **D.** 60 **7.** _____

8. $13 = t - 4$

F. 52 **G.** 17 **H.** 9 **I.** 8 **8.** _____

9. A pet store has 45 mice. The number of mice is 22 more than the number of cats. Which equation can be solved to find the number of cats c?

A. $22c = 45$ **C.** $c + 22 = 45$

B. $45c = 22$ **D.** $c - 22 = 45$ **9.** _____

10. Tulia bought 9 new golf balls. If she now has a total of 22 golf balls, how many did she start with?

F. 31 **G.** 26 **H.** 13 **I.** 9 **10.** _____

LIVEWORKSHEETS

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CHAPTER 7 - EQUATIONS

What is the solution of each equation?

11. $7d = 35$

A. 5 **B.** 6 **C.** 42 **D.** 245 **11.** _____

12. $42 = 6f$

F. 7 **G.** 8 **H.** 48 **I.** 252 **12.** _____

13. $9 = \frac{x}{7}$

A. 16 **B.** 54 **C.** 56 **D.** 63 **13.** _____

14. $\frac{e}{4} = 20$

F. 5 **G.** 8 **H.** 80 **I.** 100 **14.** _____

15. Four friends bought tickets to the school play. If it cost them a total of $28, which equation could be used to find how much each friend paid?

A. $\frac{x}{4} = 28$ **C.** $x + 4 = 28$

B. $28 - x = 4$ **D.** $4x = 28$ **15.** _____

16. The height reached by Amal's rocket was one fourth the height reached by Min's rocket. Amal's rocket reached a height of 15 meters. Which equation could be used to find the height reached by Min's rocket?

F. $4m = 15$ **H.** $\frac{m}{4} = 15$

G. $15m = 4$ **I.** $4 + m = 15$ **16.** _____

What is the solution of each equation?

17. $\frac{x}{5} = 15$

A. 3 **B.** 10 **C.** 20 **D.** 75 **17.** _____

18. $4b = 32$

F. 128 **G.** 11 **H.** 10.5 **I.** 8 **18.** _____

19. $8c = 40$

A. 5 **B.** 6 **C.** 32 **D.** 40 **19.** _____

20. Chad earned $30 for raking leaves. He has also earned money by doing chores. Altogether, he has earned $120. How much did he earn doing chores?

F. $15 **G.** $20 **H.** $90 **I.** $150 **20.** _____

LIVEWORKSHEETS