



GRADE 4 WORK SHEETS

POWERED BY PROFVED



1. What is the value of $25 + 17$?

- A) 32
- B) 38
- C) 42
- D) 47
- E) 52

2. Anna has 3 apples, and Ben has twice as many. How many apples do they have together?

- A) 6
- B) 7
- C) 8
- D) 9
- E) 10

3. Which number is missing in the sequence: 2, 4, 6, __, 10?

- A) 7
- B) 8
- C) 9
- D) 10
- E) 12

4. A rectangle has a length of 8 cm and a width of 3 cm. What is its perimeter?

- A) 11 cm
- B) 14 cm
- C) 22 cm
- D) 24 cm
- E) 30 cm

5. If today is Wednesday, what day will it be in 10 days?

- A) Tuesday
- B) Wednesday
- C) Thursday
- D) Friday
- E) Saturday



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6. HOW MANY SQUARES ARE THERE IN THIS 2×3 GRID? (COUNT ALL SIZES OF SQUARES.)

- A) 6
- B) 8
- C) 10
- D) 12
- E) 14

7. A BOOK COSTS \$4, AND A PENCIL COSTS \$1. HOW MUCH DO 2 BOOKS AND 3 PENCILS COST?

- A) \$8
- B) \$9
- C) \$10
- D) \$11
- E) \$12

8. WHAT IS THE NEXT NUMBER IN THE PATTERN: 1, 3, 6, 10, __?

- A) 12
- B) 14
- C) 15
- D) 16
- E) 17

9. A CLOCK SHOWS 3:00. WHAT TIME WILL IT SHOW IN 2 HOURS AND 45 MINUTES?

- A) 5:15
- B) 5:45
- C) 6:00
- D) 6:15
- E) 6:45

10. IF 5 CANDIES COST 20 CENTS, HOW MUCH DO 10 CANDIES COST?

- A) 30 CENTS
- B) 35 CENTS
- C) 40 CENTS
- D) 45 CENTS
- E) 50 CENTS



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11. WHICH OF THESE NUMBERS IS DIVISIBLE BY 3?

- A) 14
- B) 17
- C) 19
- D) 21
- E) 23

12. A SQUARE HAS A PERIMETER OF 16 CM. WHAT IS THE LENGTH OF ONE SIDE?

- A) 2 CM
- B) 4 CM
- C) 6 CM
- D) 8 CM
- E) 10 CM

13. TOM HAS 15 MARBLES. HE GIVES $\frac{1}{3}$ OF THEM TO HIS FRIEND. HOW MANY MARBLES DOES TOM HAVE LEFT?

- A) 5
- B) 8
- C) 10
- D) 12
- E) 15

14. HOW MANY TRIANGLES ARE IN THIS FIGURE? (IMAGINE A LARGE TRIANGLE SPLIT INTO 4 SMALLER TRIANGLES BY LINES FROM THE TOP TO THE BASE.)

- A) 3
- B) 4
- C) 5
- D) 6
- E) 7

15. A NUMBER IS MULTIPLIED BY 4, AND THEN 6 IS ADDED. THE RESULT IS 22. WHAT IS THE NUMBER?

- A) 2
- B) 3
- C) 4
- D) 5
- E) 6



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ANSWERS WITH EXPLANATIONS

- 1.C) 42, EXPLANATION: ADD 25 AND 17: $25 + 10 = 35$, $35 + 7 = 42$.
- 2.D) 9, EXPLANATION: ANNA HAS 3 APPLES. BEN HAS TWICE AS MANY, SO $2 \times 3 = 6$. TOGETHER: $3 + 6 = 9$.
- 3.B) 8, EXPLANATION: THE SEQUENCE INCREASES BY 2 EACH TIME: $2 + 2 = 4$, $4 + 2 = 6$, $6 + 2 = 8$, $8 + 2 = 10$.
- 4.C) 22 CM, EXPLANATION: PERIMETER OF A RECTANGLE = $2 \times (\text{LENGTH} + \text{WIDTH}) = 2 \times (8 + 3) = 2 \times 11 = 22 \text{ CM}$.
- 5.D) FRIDAY, EXPLANATION: 10 DAYS FROM WEDNESDAY: 7 DAYS IS A FULL WEEK (BACK TO WEDNESDAY), PLUS 3 MORE DAYS = THURSDAY, FRIDAY, SATURDAY. SO, IT'S FRIDAY.
- 6.D) 12, EXPLANATION: A 2×3 GRID HAS 6 SINGLE SQUARES (1×1), 4 SQUARES OF SIZE 2×1 OR 1×2 , AND 2 SQUARES OF SIZE 2×2 . TOTAL = $6 + 4 + 2 = 12$.
- 7.D) \$11, EXPLANATION: 2 BOOKS = $2 \times \$4 = \8 , 3 PENCILS = $3 \times \$1 = \3 . TOTAL = $\$8 + \$3 = \$11$.
- 8.C) 15, EXPLANATION: THIS IS THE TRIANGULAR NUMBER PATTERN: 1 , $1+2=3$, $1+2+3=6$, $1+2+3+4=10$, $1+2+3+4+5=15$.
- 9.B) 5:45, EXPLANATION: FROM 3:00, ADD 2 HOURS = 5:00, THEN ADD 45 MINUTES = 5:45.
- 10.C) 40 CENTS, EXPLANATION: 5 CANDIES COST 20 CENTS, SO 1 CANDY COSTS $20 \div 5 = 4$ CENTS. 10 CANDIES = $10 \times 4 = 40$ CENTS.
- 11.D) 21, EXPLANATION: A NUMBER IS DIVISIBLE BY 3 IF THE SUM OF ITS DIGITS IS DIVISIBLE BY 3. FOR 21: $2 + 1 = 3$, WHICH IS DIVISIBLE BY 3.
- 12.B) 4 CM, EXPLANATION: PERIMETER OF A SQUARE = $4 \times \text{SIDE LENGTH}$. SO, $16 \div 4 = 4 \text{ CM}$.
- 13.C) 10, EXPLANATION: $1/3$ OF 15 = $15 \div 3 = 5$ MARBLES GIVEN AWAY. TOM HAS $15 - 5 = 10$ LEFT.
- 14.C) 5, EXPLANATION: A LARGE TRIANGLE SPLIT INTO 4 SMALLER TRIANGLES HAS THE 4 SMALL ONES PLUS THE LARGE ONE ITSELF, TOTALING 5 TRIANGLES.
- 15.C) 4, EXPLANATION: LET THE NUMBER BE X. THEN, $4X + 6 = 22$. SUBTRACT 6: $4X = 16$. DIVIDE BY 4: $X = 4$.