Year 3 Term 4 Homework

Student Name: _____	**Grade**: _____
Date: _____	**Score**: _____

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3 Year 3 Term 4 Week 3

3.1 Topic 1 — Fractions

3.1.1 Adding & Subtracting Fractions 1

① $\frac{1}{2} + \frac{4}{7} =$ _____

② $1\frac{5}{8} - 1\frac{1}{2} =$ _____

③ $1\frac{8}{10} - 1\frac{3}{5} =$ _____

④ $\frac{1}{10} + 1\frac{2}{5} =$ _____

⑤ $\frac{2}{3} + \frac{1}{4} =$ _____

⑥ $\frac{5}{6} + 1\frac{5}{7} =$ _____

⑦ $1\frac{1}{9} + \frac{6}{8} =$ _____

⑧ $\frac{2}{4} - \frac{2}{5} =$ _____

⑨ $\frac{4}{5} - \frac{1}{6} =$ _____

⑩ $\frac{1}{7} - \frac{1}{8} =$ _____

Score:

3.1.2 Multiplying Fractions 3

① $\frac{3}{4} \times 1\frac{2}{4} =$ _____

② $1\frac{1}{3} \times \frac{1}{2} =$ _____

③ $1\frac{1}{5} \times 1\frac{1}{6} =$ _____

④ $\frac{3}{6} \times \frac{1}{5} =$ _____

⑤ $\frac{1}{4} \times 1\frac{2}{3} =$ _____

⑥ $1\frac{1}{2} \times 1\frac{1}{3} =$ _____

⑦ $1\frac{4}{5} \times \frac{3}{6} =$ _____

⑧ $\frac{2}{4} \times 1\frac{4}{5} =$ _____

⑨ $\frac{2}{3} \times \frac{2}{5} =$ _____

⑩ $1\frac{3}{5} \times 1\frac{2}{6} =$ _____

_____

Score:

3.1.3 Dividing Fractions 3

① $\frac{5}{9} \div \frac{5}{6} =$ _____

② $\frac{3}{7} \div \frac{5}{9} =$ _____

③ $\frac{2}{8} \div \frac{3}{5} =$ _____

④ $\frac{7}{8} \div \frac{6}{10} =$ _____

⑤ $\frac{6}{8} \div \frac{3}{9} =$ _____

⑥ $\frac{3}{8} \div \frac{6}{8} =$ _____

⑦ $\frac{2}{10} \div \frac{7}{9} =$ _____

⑧ $\frac{2}{9} \div \frac{1}{2} =$ _____

⑨ $\frac{1}{2} \div \frac{2}{8} =$ _____

⑩ $\frac{2}{4} \div \frac{2}{4} =$ _____

Score:

3.2 Topic 2 — Algebra

3.2.1 Number Problem 3

① _____ The quotient of a number and nine is 5. Find the number.

② _____ One number is nine times another. Their sum is 20. Find the numbers.

③ _____ The difference of a number and four is equal to 9. What is the number?

④ _____ The quotient of a number and seven increased by 9 is 16. What is the number?

⑤ _____ Two-thirds of a number increased by 3 is 7. What is the number?

⑥ _____ Two is equal to the quotient of a number and 6. Find the number.

⑦ _____ 45 is equal to the product of five and some number. Find the number.

⑧ _____ Seven times a number increased by 8 is 92. Find the number.

⑨ _____ The sum of a number and three is 8. Find the number.

⑩ _____ Three times a number is 6. What is the number?

Score:

3.2.2 Equations 3

① $x + 2 = 7$ _____

② $6z + 9 = 21$ _____

③ $z - 4 = -1$ _____

④ $3z + 9 = 30$ _____

⑤ $y - 6 = 3$ _____

⑥ $y - 4 = 3$ _____

⑦ $y - 3 = 4$ _____

⑧ $2y - 9 = 5$ _____

⑨ $x - 4 = 4$ _____

⑩ $7 + 2x = 13$ _____

_____

Score:

3.3 Topic 3 — Number Patterns

3.3.1 Number Pattern 3

① 75, 67, 72, 63, 68, 58, 63, __ , __

② 53, 47, 48, 41, 42, 34, 35, __ , __

③ 10, 14, 19, 25, 32, 40, 49, __ , __

④ 91, 89, 88, 85, 84, 80, 79, __ , __

⑤ 86, 78, 82, 73, 77, 67, 71, __ , __

⑥ 7, 14, 8, 16, 10, 20, 14, __ , __

⑦ 21, 28, 32, 40, 44, 53, 57, __ , __

⑧ 45, 49, 54, 60, 67, 75, 84, __ , __

⑨ 54, 60, 58, 65, 63, 71, 69, __ , __

⑩ 13, 15, 19, 25, 33, 43, 55, __ , __

Score:

3.3.2 Number Pattern 4

① 53, 50, 55, 52, 57, 54, 59, __ , __

② 58, 62, 58, 63, 59, 65, 61, __ , __

③ 2, 4, 6, 12, 14, 28, 30, __ , __

④ 67, 69, 70, 73, 74, 78, 79, __ , __

⑤ 34, 44, 53, 61, 68, 74, 79, __ , __

⑥ 3, 6, 8, 16, 18, 36, 38, __ , __

⑦ 62, 57, 55, 49, 47, 40, 38, __ , __

⑧ 17, 20, 24, 29, 35, 42, 50, __ , __

⑨ 2, 4, 5, 10, 11, 22, 23, __ , __

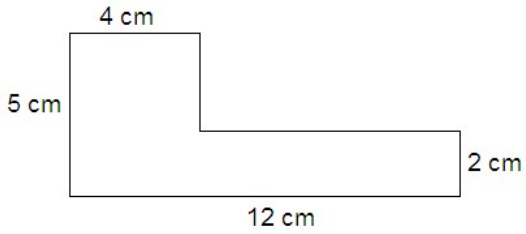
⑩ 23, 27, 29, 34, 36, 42, 44, __ , __

Score:

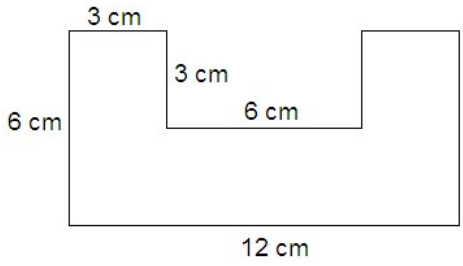
3.4 Topic 4 — Measurements

Exercise 3.4.1 Find the perimeter and area of the following figures:

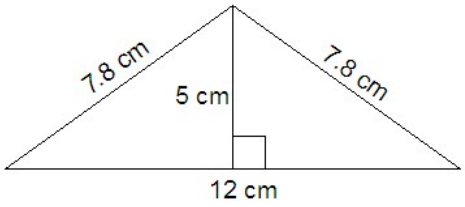
1. $P =$ _____ , $A =$ _____



2. $P =$ _____ , $A =$ _____



3. $P =$ _____ , $A =$ _____



3.5 Quiz 3

1. How many halves are there in 8? _____

2. How many $\frac{1}{4}$ are there in 5? _____

3. 3 tens more than 280 is: _____

4. Each term Alice has a term test. This year she scores 82, 84 84 and 90 for these four tests. What is her average score?

   _____

5. 25% of \$40 is: _____

6. Twice a number decreased by 6 is 12. Find the number.

   _____

7. What is the missing number in the box? 6, 13 19, 24, 28, 31, $\boxed{?}$, 34.

   _____

8. The good news is that he has 65 eggs in the incubator ready to hatch. If all hatch his flock will grow from 157 to:

   _____

9. Add together 259 tin cans and 1758 tin cans. The total is _____ tin cans.

   _____

10. At the supermarket four boys bought a drink each. One drink was \$1.58. How much did four drinks altogether cost?

    _____

11. When 365 is divided by 6 the remainder is:

    _____

12. If I divide a number by 8 the largest possible remainder I can have is:

    _____

13. You love chocolate cake. Which fraction of the cake would you prefer?
    (A) four tenths (B) 0.5 (C) 35 hundredths (D) 45%

14. Ben had $4.50 and Lindsay had $5.40. The total amount they had altogether was:
    (A) $9.40 (B) $9.90 (C) $9.10 (D) $10.00

15. Jessica was away from home for 2 days and 4 hours. How many hours was she away altogether?
    (A) 50 hours (B) 48 hours (C) 52 hours (D) 44 hours

16. What is the total length in metres and centimetres, when 96 cm and 47 cm are added?
    (A) 1 metre 43 (B) 1.43 m (C) 1 m 43 cm (D) 143 cm

17. Which of these is not the same distance?
    (A) 257 mm (B) 25.7 cm (C) 2.57 cm (D) 0.257 m

18. Linda purchased eight 1.5 litre bottles of coke for a party. Calculate the total volume of drinks.
    (A) 8 Litres (B) 10 Litres (C) 12 Litres (D) 14 Litres

19. Half of 4638 is equal to:
    (A) 2219 (B) 2319 (C) 2314 (D) 2214

20. What is the difference between 1004 and 295?
    (A) 708 (B) 709 (C) 819 (D) 719

21. What is the product of 238 and nine?
    (A) 2142 (B) 1912 (C) 2052 (D) 2136

22. Complete this statement. When I divide 26 by 4 I am left with a remainder of:
    (A) 4 (B) 2 (C) 3 (D) 1

23. How many faces does a cube have?
    (A) 4 (B) 5 (C) 6 (D) 8

24. What number is one more than 9.9?
    (A) 10 (B) 10.9 (C) 19.9 (D) 9.91

25. Which of these shapes will most likely roll in a straight line?
    (A) cube (B) pyramid (C) prism (D) cylinder