



Mathematics

Year 6

MARCH EXAMINATION 2021

1 hr. 30 min

Additional Materials:

- Soft clean eraser
- Soft pencil (type B or HB recommended)

Read these instructions first

This paper contains 13 questions. Answer all questions in the spaces provided.

Do **not** use staples, paper clips, and glue or correction fluid.

Any rough working should be done in the rough work booklet provided.

NAME:

DATE:

SCORE:

TOTAL MARKS:

[Turn over]

1. Write down the place value of the **3**, the **5** and the **8** in each of the following. (2marks)

50083

2. Put the following numbers in ascending order: (2marks)

i) 554 922, 594 522, 545 922, 595 242

ii) 660, 60, 600, 6, 606

3. Express the following in simplest form (4marks)

i) $8 \times 10 + 6 \times 1$

ii) $6 \times 100 + 7 \times 10 + 4 \times 1$

4. What time does the clock read?



5. Write the following in numeral form (2marks)

i) seventy five thousand four hundred and three

ii) Six hundred and two thousand eight hundred and eighteen.

6. Work out (4marks)

i) $5003 - 1236$

ii) $6005 + 2329$

7. Read and work out the sums:

i) Jack bought 4 separate lengths of timber. Their lengths were 5 m, 1 m, 7 m, and 9 m. What was the total length of timber that Jack bought? **(3marks)**

ii) Xuen bought a Wii for \$255. She also purchased another controller for \$50, a game for \$95, and a bag to store these in for \$32. How much did she pay altogether? **(3marks)**

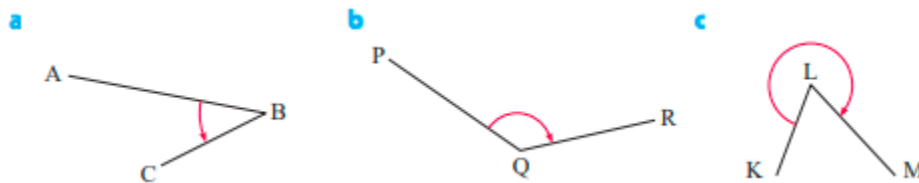
iii) A fighter jet travels at 1000 km per hour. How long will it take the jet to fly non-stop for 1 000 000 km? **(3marks)**

8. Solve (4marks)

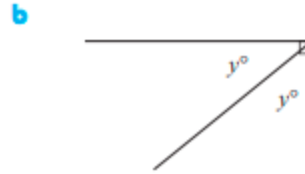
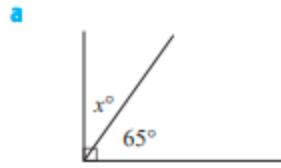
i) $3164 \div 98$

ii) $6075 \div 29$

9. State the type of angle in each case. (3marks)



Find the size of the unknown angle denoted by letters in: (4marks)



10. Simplify to lowest terms:(6 marks)

i) $\frac{123}{300}$

ii) $\frac{24}{42}$

iii) $\frac{35}{49}$

11. simplify the following:

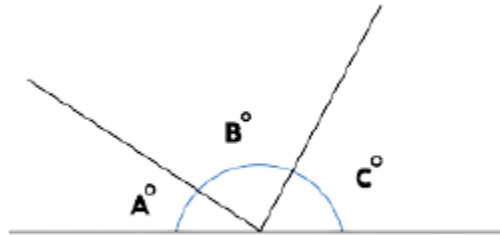
i) $\frac{1}{3} \times \frac{6}{7}$ (2marks)

ii) $\frac{2}{3}$ of $\frac{3}{4}$ (2marks)

iii) $\frac{2}{3} - \frac{1}{6}$ (3marks)

iv) $\frac{5}{6} - \frac{2}{3}$ (3marks)

12. If an angle $A = 30^\circ$ and $C = 65^\circ$, calculate angle B and give the reason.



13. Using a ruler and protractor, draw a right angled triangle with a base of length 4 cm and a height of 3cm measure the length of the hypotenuse. (3 Marks)