

Decimal / Fraction / Ratio Worksheet
P6 Mathematics SA2 2015

P6 Math SA2 papers of NPS, RGPS

For each question, four options are given. One of them is the correct answer.
Make your choice (1,2,3 or 4).

1. In the numeral 7.539, the digit '3' stands for _____ .
(1) 3 tens
(2) 3 tenths
(3) 3 hundredths
(4) 3 thousandths ()

2. Express $3\frac{1}{20}$ as a decimal.
(1) 3.01
(2) 3.05
(3) 3.1
(4) 3.5 ()

3. Express 40 tenths and 55 thousandths as a decimal.
(1) 0.405
(2) 0.455
(3) 4.055
(4) 40.55 ()

4. There is an equal number of pupils in 6A and 6B. The ratio of the number of boys to the number of girls in 6A is 2 : 1. The ratio of the number of boys to the number of girls in 6B is 4 : 11. What fraction of the pupils in the 2 classes are boys?
(1) $\frac{6}{18}$
(2) $\frac{7}{15}$
(3) $\frac{8}{15}$
(4) $\frac{14}{15}$ ()

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

5. Find the value of 0.2×90 .

Ans: _____

6. What is the missing number in the blank?

$$\underline{\quad} \times \frac{1}{8} = \frac{3}{4} \div 2$$

Ans: _____

7. Express 8.25 as a fraction in its simplest form.

Ans: _____

8. Tom's mass is 48.54 kg. Round off his mass to 1 decimal place.

Ans: _____

9. The product of two fractions is $\frac{3}{8}$. One of the fractions is $\frac{1}{2}$. What is the other fraction?

Ans: _____

10. The What is the missing number in the box?

$$\frac{3}{4} + \frac{3}{4} + \frac{3}{4} = 1 + \underline{\quad} \times \frac{1}{4}$$

Ans: _____

11. Sally uses $\frac{3}{2}$ cups of sugar to make a cake. How many cups of sugar will she use to make 5 such cakes?

Ans: _____

Answer Key

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Subject: Primary 6 Maths – Decimal / Fraction / Ratio
Paper: SA2 2015

Q1	Q2	Q3	Q4
3	2	3	2

5. $18 \rightarrow 0.2 \times 9 = 1.8, 1.8 \times 10 = 18$

6. $3 \rightarrow \frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$

7. $8 \frac{1}{4}$

8. $48.5 \text{ kg} \rightarrow 48.54 \approx 48.5$

9. $\frac{3}{4} \rightarrow \frac{3}{8} \div \frac{1}{2} = \frac{3}{8} \times \frac{2}{1} = \frac{6}{8} = \frac{3}{4}$

10. $5 \rightarrow 1 \frac{5}{4} - 1 = \frac{5}{4}, \frac{5}{4} \div \frac{1}{4} = 5$

11. $7.5 \rightarrow \frac{3}{2} \times 5 = \frac{15}{2} = 7.5$

References:

(Q1,2,5,6,7) = RGPS (Q3, 8, 18, 17, 23)

(Q3, 4,8,9,10,11) = NPS (4, 15, 19, 26, 17, 18)

