Fraction Worksheet

P6 Mathematics CA1 2014

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

1. Which of the following fractions are the equivalent of $\frac{4}{12}$?

$$\frac{1}{3}, \frac{1}{4}, \frac{2}{8}, \frac{3}{9}$$

(1) $\frac{1}{3}$ and $\frac{3}{9}$

(2) $\frac{1}{3}$ and $\frac{2}{8}$

(3) $\frac{1}{4}$ and $\frac{3}{9}$

(4) $\frac{1}{3}$ and $\frac{2}{8}$ (   )

2. Find the value of $\frac{5}{9}$ - $\frac{1}{3}$

(1) $\frac{2}{9}$

(2) $\frac{4}{9}$

(3) $\frac{4}{6}$

(4) $\frac{8}{9}$ (   )

3. Find the value of $\frac{12}{7}$ x 21.

(1)   35
(2)   36
(3)   3
(4)   4   (   )

4. Mary and John were given $\frac{5}{6}$ of a pizza. They share the pizza equally. What fraction of the pizza did each of them receive?

(1) $\frac{5}{12}$

(2) $\frac{10}{12}$

(3) $\frac{10}{6}$

(4) $\frac{12}{5}$ (   )

5. $\frac{2}{3} \div \frac{3}{8} =$ _____. What is the missing number statement in the blank?

(1) $\frac{2}{3} \times \frac{3}{8}$

(2) $\frac{2}{3} \times \frac{8}{3}$

(3) $\frac{3}{2} \times \frac{3}{8}$

(4) $\frac{3}{2} \times \frac{8}{3}$ (   )

6. Rachel was given $\frac{1}{3}$ of a cake. She ate $\frac{2}{5}$ of it. What fraction of the original cake did she eat?

(1) $\frac{1}{15}$

(2) $\frac{2}{15}$

(3) $\frac{4}{15}$

(4) $\frac{5}{6}$ (   )

7. The area of a rectangular science garden plot in a school is $\frac{3}{10}$ m^2. Its width is $\frac{1}{3}$ m. What is its length?

(1) $\frac{1}{10}$ m

(2) $\frac{9}{10}$ m

(3) $1\frac{1}{9}$ m

(4) 10 m   (   )

8. $\frac{7}{9} \times \frac{6}{13} = \frac{14}{\_}$. What is the number in the blank space.

(1) 16
(2) 22
(3) 39
(4) 117   (   )

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

9. Find the value of $\dfrac{3}{7} \times \dfrac{7}{12}$. Express your answer in its simplest form.

Ans: _____

10. Find the value of $4 \div \dfrac{6}{7}$. Leave your answer as a mixed number in its simplest form.

Ans: _____

11. 6 pizzas were shared among some children. If each of them received $\dfrac{3}{8}$ of a pizza, how many children were there?

Ans: _____ children

12. Tom has $\dfrac{3}{4}$ m of ribbon. If he wants to cut the ribbon into pieces of $\dfrac{1}{3}$ m each, how many such pieces of ribbon will he get?

Ans: _____ pieces

13. Mike had 360 picture cards. He gave $\frac{5}{6}$ of them to his sister. How many picture cards had he left?

Ans: _____

Answer Key

Subject: Primary 6 Maths – Fractions
Paper: CA1 2014

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
1	1	2	1	2	2	2	3

9. $\dfrac{1}{4}$

10. $4\dfrac{2}{3}$

11. 16
12. 2 pieces
13. 60

References:
(Q1,2, 3,4, 9,10) = NPS (Q4, 7, 9, 10, 18, 21)
(Q5,6,11,12) = NHPS (Q2,3,16,17)
(Q7, 8,13) = RS (Q12,2,24)