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March Assessment Revision Worksheet

Grade 4 – Mathematics

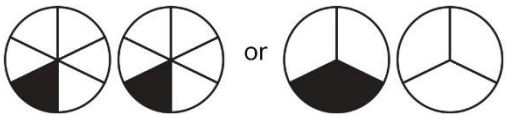
Name: _____ Section: _____ Date: _____

Unit 7: Fractions, decimals and percentages

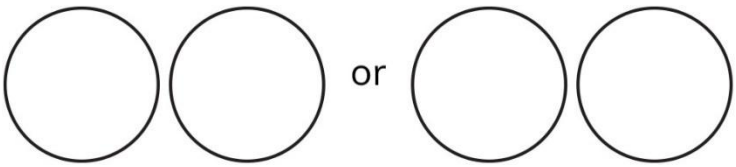
Q1. Calculate

$\frac{3}{6}$ of 18	$\frac{1}{4}$ of 24	$\frac{2}{9}$ of 54	$\frac{1}{3}$ of 36
$\frac{1}{2}$ of 50	$\frac{2}{5}$ of 55	$\frac{3}{7}$ of 49	$\frac{3}{8}$ of 64

Q2. 6 children share 2 pizzas equally between them.



a Show two different ways 8 children could share 2 pizzas equally between them.



b How much pizza does each child get?

_____

Q3. Write the missing number.

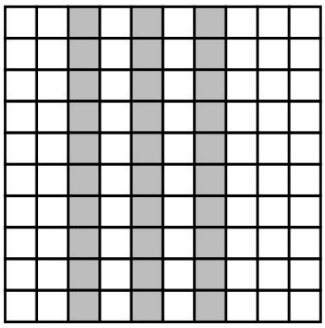
$\frac{1}{3}$ of 30 = $\frac{1}{2}$ of $\square$

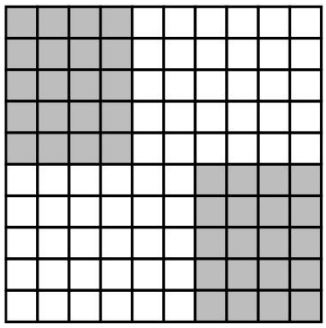
Q4. Draw a line to join each improper fraction to the correct position on the number line.

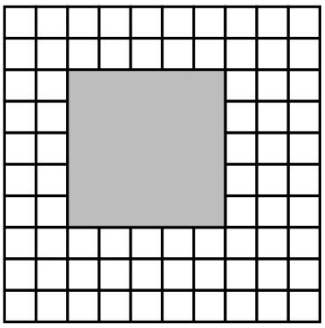
$\frac{5}{4}$ $\frac{11}{4}$ $\frac{15}{8}$

Write each improper fraction as a mixed number.

Q5. What percentage of each diagram is shaded?

A 

B 

C 

Q6. Find the missing numbers

$\frac{\square}{12} = 75\%$

$$\frac{2}{\square} = 25\%$$

$$\frac{\square}{50} = 50\%$$

Q7. Three girls played 'hit the target' at a school fete.

Zina hits the target 13 out of 20 times.

Roz hits the target 60% of the time.

Jodi hits the target $\frac{4}{5}$ of the time.

Write the names of the girls in order, starting with the one who hits the target most frequently. Show your working.

Q8. Find the odd one out.

a. $\frac{1}{5}$ | 20% | $\frac{2}{5}$ | 0.2

b. $\frac{3}{10}$ | 30% | $\frac{6}{10}$ | 0.3

Q9. One third of a number is 12. What is the number?

Q10. One quarter of a number is 15. What is the number?

Q11. Half of a number is 35. What is the number?

Q12. Write these fractions as percentages.

$\frac{40}{100}$	$\frac{3}{10}$	$\frac{6}{20}$
$\frac{8}{25}$	$\frac{60}{100}$	$\frac{7}{10}$
$\frac{4}{20}$	$\frac{13}{25}$	$\frac{75}{100}$

Q13. Sofia makes a fraction using two number cards. She says, 'My fraction is equivalent to 50%. One of the number cards is 8'. What fractions could Sofia make?

Q14. Complete the given table below.

Fraction	Decimal	Percentage
		50%
	0.9	
$\frac{2}{10}$		
		75%
	0.65	
$\frac{4}{25}$		
	0.3	
		50%

Q15. Convert improper fractions to mixed numbers.

$\frac{42}{5}$	$\frac{93}{7}$	$\frac{27}{4}$

Q16. Which of these fractions is equivalent to 75%?

$\frac{75}{100}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{17}{25}$

Q17. Use one of the symbols <, > or = to complete the sentences.

1. $\frac{3}{5}$ ☐ 75%
2. 60% ☐ 0.6
3. $\frac{5}{25}$ ☐ 15%

Q18. Write these fractions, decimals and percentages in order starting with the greatest.

1. 0.25 50% 0.8 $\frac{3}{4}$

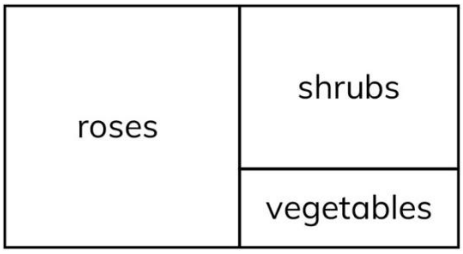
2. $\frac{1}{4}$ 80% 0.3 $\frac{1}{2}$

Unit 9: Addition and subtraction of Fractions

Q19. Calculate

$\frac{2}{3} + \frac{1}{3}$	$\frac{1}{3} + \frac{6}{15}$	$\frac{2}{4} + \frac{7}{12}$
$\frac{4}{5} + \frac{6}{10}$	$\frac{2}{3} + \frac{1}{3}$	$\frac{5}{8} + \frac{1}{4}$
$\frac{2}{6} - \frac{1}{6}$	$\frac{7}{18} - \frac{3}{9}$	$\frac{2}{3} - \frac{3}{6}$
$\frac{2}{3} - \frac{6}{12}$	$\frac{2}{8} - \frac{3}{16}$	$\frac{4}{5} - \frac{6}{10}$

Q20. This is a diagram of a garden.



Not drawn to scale

$\frac{5}{12}$ of the garden is planted with roses.

$\frac{2}{4}$ of the garden is planted with shrubs.

What fraction of the garden is planted with vegetables?

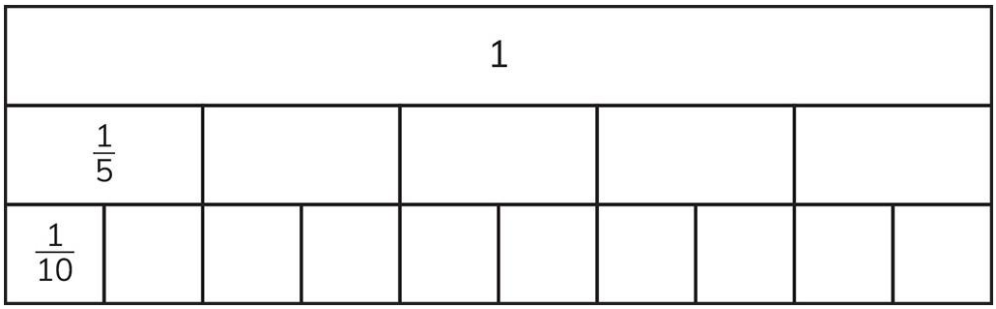
Q21. Write the missing numbers.

1. $\frac{3}{6} + \frac{\quad}{3} = \frac{7}{6}$

2. $\frac{4}{10} + \frac{\quad}{20} = \frac{14}{20}$

3. $\frac{3}{4} + \frac{\quad}{8} = \frac{12}{8}$

Q22. Use the fraction wall to help you calculate.



$\frac{7}{10} + \frac{1}{5} = \square$

$\frac{9}{10} - \frac{2}{5} = \square$

Q23. Write the letters of the calculations in the correct place in the diagram.

A $\frac{1}{12} + \frac{5}{6}$

B $\frac{7}{12} + \frac{5}{6}$

C $\frac{5}{12} + \frac{1}{6}$

D $\frac{7}{12} + \frac{5}{12}$

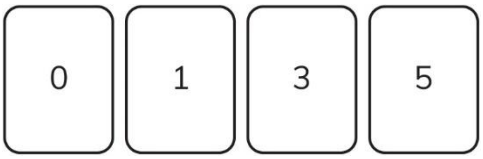
Answer less than 1	Answer of 1	Answer more than 1

Unit 11: Multiplication and Division

Q24. Calculate

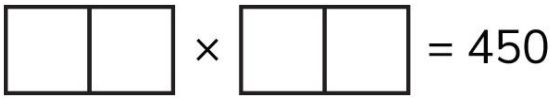
400 x 50 =	30 x 7 =	27 x 64
91 x 48 =	82 x 32 =	66 x 39 =
736 ÷ 8 =	238 ÷ 7 =	425 ÷ 3 =
693 ÷ 11 =	929 ÷ 4 =	247 ÷ 5 =

Q25. Here are four-digit cards.

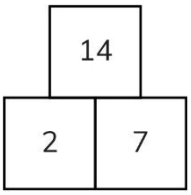


Use these cards to complete the calculation.

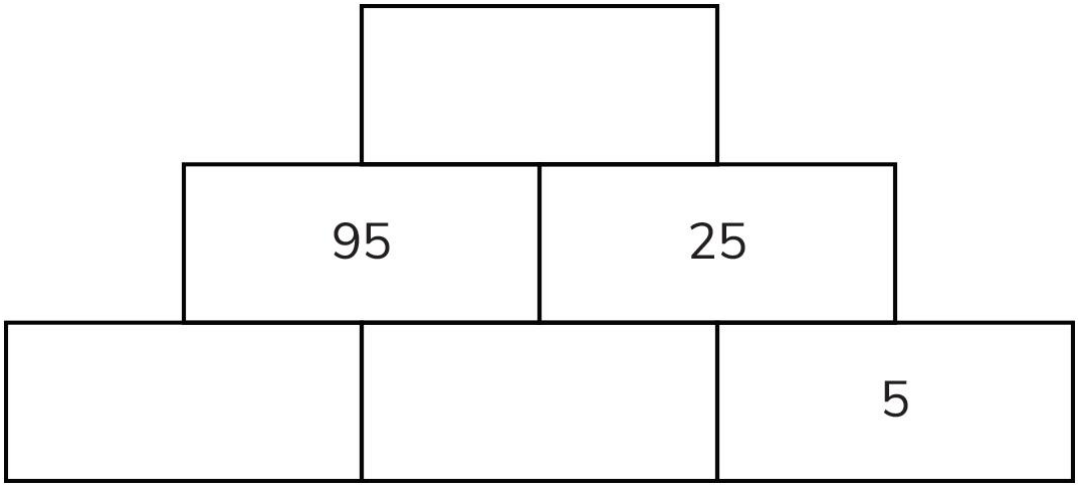
Each card can only be used once.



Q26. The number in each brick is the product of the two numbers below it.

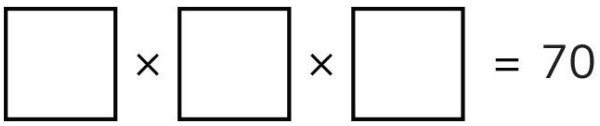


Write the missing numbers.



Q27. Write a different prime number in each box to make this calculation correct.

Each number must be less than 10.



Q28. Kiki did 784 sit-ups in 7 days. She did the same number of sit-ups each day.

How many sit-ups did Kiki do each day?

Q29. Look at the calculation.

$$98 \times 12 = 1176$$

Read the statements and write true or false.

1. Twelve is the product of ninety-eight and one thousand one hundred and seventy-six.
2. ninety-eight is a two-digit number.
3. one thousand one hundred and seventy-six is the product of ninety-eight and twelve.

Q30. Look at the calculation and answer the questions.

$$189 \div 9 = 21$$

1. What is the divisor? _____
2. What is the quotient? _____
3. Show its working.