

Q1. Here is a number fact: $14 \times 37 = 518$

Use this fact to decide whether these calculations are True or False.

1. $518 \div 37 = 14$ True or False

2. $37 \div 518 = 14$ True or False

Q2. Draw a ring around each prime number.

78 21 17 36 91 29

Q3. Write the missing numbers in each box to complete the sequence.

9, 7, 3,

Q4. A box contains 24 chocolates. How many chocolates are in of 6 these boxes?

Q5. What is 1000 ml more than 2350 ml?

Q6. A bag contains the following cards.



One card is taken out at random. Draw a line to match each statement with the correct probability.

1. The card has a letter R
2. The card has a capital letter
3. The card has a letter A

Unlikely
Certain
Impossible
Likely
Even chance

Q7. Draw a ring around the square number.

5, 10, 18, 26, 36, 42

Q8. The product of two prime number is 39.

What are the two prime numbers?

Q9. Here are four numbers. Put a ring around sixty thousand five.

6,005 60,005 6,000,005 60,000,005

Q10. What is the missing number?

$$\boxed{} \times \boxed{} = 33$$

Q11. Complete the place value diagram.

89263 \rightarrow $\boxed{} + \boxed{9000} + \boxed{200} + \boxed{} + \boxed{3}$

Q12. This clock is at Sidney train station in Australia at the morning:

04: 35

It is 7 hours early in Helsinki. Write the time shown on the clock in 24-hour clock in Helsinki.

Q13. Circle the number which is divisible by both 2 and 25.

$\boxed{5}$ $\boxed{25}$ $\boxed{700}$ $\boxed{52}$ $\boxed{225}$

Q14. Complete the table of equivalent fractions and decimals.

Fraction	Decimal
$\frac{1}{2}$	_____
<input type="text"/>	_____
$\frac{63}{100}$	_____

Q15. Write the temperatures in order from coldest to warmest.

coldest warmest

Q16. Circle the fractions that add up to 1.

$$\frac{2}{5} \quad \frac{5}{6} \quad \frac{2}{6} \quad \frac{3}{5} \quad \frac{1}{5}$$

Q17. Complete these calculations.

i. $475 \times 10 =$

ii. $\div 10 = 48$

Q18. What is the value of the digit 3 in the number 5.034?

3 hundredths 3 tens 3 tenths 3 hundred

Q19. Zainab has 52 oranges. Four oranges are needed to make a glass of freshly orange juice. How many glasses of orange juice can she make?

Q 20. Here is a number grid. Circle the number that can be divided by 8 with a remainder 1.

74	27	83
45	65	98
87	23	20

Q 21. Calculate:

$$55 - (7+3) \times 4 = \boxed{}$$

Q 22. Find two factors of 24 that total 11.

$$\boxed{} + \boxed{} = 11$$

Q 23. Which of these numbers are multiples of 8?

18

24

47

53

72

Q 24. The cost of 9 kg apple is \$ 64.8. What is the cost of one kg of apples?

Q 25. It was -9°C and is now 4°C . The temperature has _____.

i. risen 5°C

ii. risen 13°C

iii. fallen 5°C

iv. fallen 13°C

Q 26. Tim had 2100 grams of flour. He uses $\frac{3}{10}$ of the flour in the cake. How many grams of flour does he have left? Show your working?

Q 27. Put the following numbers into the correct place on Carroll diagram.

1, 2, 3, 7, 8, 9, 10, 12, 15, 23, 25, 28, 36, 44

Even Numbers		
Odd Numbers		

Q 28. Here are 5 digit cards. Choose the correct digit cards to complete the following mixed numbers and their equivalent improper fractions. The first one has been done for you.



a) $1 \frac{7}{10} = \frac{17}{10}$

b) $2 \frac{1}{4} = \frac{\quad}{4}$

c) $\square \frac{2}{5} = \frac{17}{5}$

d) $3 \frac{1}{2} = \frac{\quad}{2}$

Q 29. A ring has been placed around one pair of equivalent fractions. Draw ring around three more pairs of equivalent fractions.

$\frac{6}{12}$ $\frac{1}{2}$

$\frac{3}{4}$

$\frac{8}{20}$

$\frac{1}{3}$

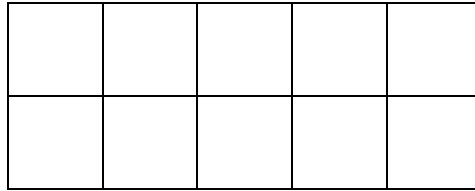
$\frac{2}{5}$

$\frac{3}{10}$

$\frac{9}{12}$

$\frac{12}{40}$

Q 30. Shade $\frac{1}{5}$ of this diagram.



Q 31. Match each calculation in a box to the correct answer.

$$\frac{1}{2} \text{ of } 56$$

$$\frac{1}{3} \text{ of } 78$$

$$\frac{1}{4} \text{ of } 92$$

$$\frac{1}{5} \text{ of } 125$$

22
23
24
25
26
27
28

Q 32. Here are 6 digit cards. Use 4 of the cards to complete this number sentence.

1	2	3	4	5	6
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Q 33. Four children find 30 shells on a beach. John finds 7 Tom finds 8 shells and Vincent finds 3 shells. How many shells does Conrad find?

Q 34. Sara buys a kg of grapes, an orange and a banana.

- a. Grapes \$ 1.68 per kg
- b. Orange 65 C each
- c. Banana 49 C each

1. How much is the total cost?

2. How much change would Sara get from a \$ 10?

Q 35. A coat costs \$130. In a sale it is reduced by 20%. How much money it is reduced by?

Q 36. Write these numbers in order of size, starting with the largest.

0.42	0.05	0.5	0.34
largest			smallest

Q 37. Circle the fraction and decimal which are equivalent to 8%?

0.8	$\frac{2}{25}$	$\frac{2}{20}$	$\frac{1}{8}$	0.08	$\frac{8}{10}$
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Q 38. Here is a part of a bus timetable.

	Bus A	Bus B	Bus C
A town			
Beville			
Cecity			
Doham			

John lives in Beville and needs to be in Doham by 1245. What is the latest bus he can catch from Beville?

Q 39. Write these fraction in order starting with the smallest?

$$\frac{1}{2}$$

$$\frac{3}{8}$$

$$\frac{3}{4}$$

$$\frac{5}{8}$$

largest

smallest

Q 40. Write the number in the box to make statement true.

$$59.87 < \boxed{} < 59.9$$