

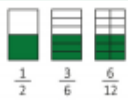


# Arithmetic and Number Progress Test 5

Question	Answer	Programme of study
1 Write the number 57 in words.	Fifty seven	Read and write numbers to at least 100 in numerals and in words.
2 Circle <b>all</b> the even numbers. 21 44 89 20 15	21 <u>44</u> 89 <u>20</u> 15	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
3 14, 17, 20, <input type="text"/> , 26, <input type="text"/>	23 and 29	Count in steps of 2, 3, and 5 from 0, and count in tens from any number, forward and backward.
4 What is the value of the underlined digits? <u>2</u> 2 <u>1</u> 9 <u>6</u> 3	2 and 9 and 60	Recognise the place value of each digit in a two-digit number (tens, ones).
5 $33 > \square$	Any number smaller than 33	Compare and order numbers from 0 up to 100; use $<$ , $>$ and $=$ signs.
6 Circle $\frac{1}{2}$ of the counters. 	Any two counters circled	Recognise, find, name and write fractions $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ and $\frac{1}{4}$ of a length, shape, set of objects or quantity.
7 $48 \div 4 =$	12	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
8 $243 + 208 =$	451	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
9  $\frac{1}{2}$ $\frac{2}{2}$ $\frac{6}{2}$ Complete the equivalent fractions.	 $\frac{1}{2}$ $\frac{3}{6}$ $\frac{6}{12}$	Recognise and show, using diagrams, equivalent fractions with small denominators.
10 $55 \times 4 =$	220	Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.
11 $8 \times 8 =$	64	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
12 Order these numbers from smallest to largest: 979 997 799 779 797	779 797 799 979 997	Compare and order numbers up to 1000.
13 Write $\frac{1}{4}$ as a decimal.	0.25	Recognise and write decimal equivalents to $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ .
14 $4.16\text{kg} - 0.65\text{kg} =$	3.51kg	Solve simple measure and money problems involving fractions and decimals to two decimal places.
15 Circle the <b>two</b> numbers which are a factor pair of 54. 13 9 7 8 6	13 <u>9</u> 7 8 <u>6</u>	Recognise and use factor pairs and commutativity in mental calculations.
16 $6 \times 12 =$	72	Recall multiplication and division facts for multiplication tables up to $12 \times 12$ .
17 $67.5 \times 10 =$	675	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.
18 $4 \times 5 \times 6 =$	120	Use place value, known and derived facts to multiply and divide mentally, including multiplying together three numbers.
19 $6529 - 1000 =$	5529	Find 1000 more or less than a given number.
20 Circle the <b>two</b> numbers which are multiples of 11. 33 111 55 58 41	<u>33</u> 111 <u>55</u> 58 41	Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
21 What is 14.48 rounded to one decimal place?	14.5	Round decimals with two decimal places to the nearest whole number and to one decimal place.
22 $1284 \div 6 =$	214	Divide numbers up to 4 digits by a one-digit number using the formal written method of short division.
23 $\frac{3}{4} - \frac{1}{4} =$	$\frac{1}{4}$	Add and subtract fractions with the same denominator and denominators that are multiples of the same number.
24 $32 \times 84 =$	2688	Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.