


Arithmetic and Number Progress Test 4

Question	Answer	Programme of study
1 $\square + 80 = 100$	20	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
2 $9 \times 10 =$	90	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers.
3 What is the value of the underlined digits? 35 <u>4</u> 74	30 and 6 and 70	Recognise the place value of each digit in a two-digit number (tens, ones).
4 $14 > \square$	Any number smaller than 14	Compare and order numbers from 0 up to 100; use <, > and = signs.
5 22, \square , 42, 52, \square , 72	32 and 62	Count in steps of 2, 3, and 5 from 0, and count in tens from any number, forward and backward.
6 $\frac{1}{2}$ of 40 =	20	Write simple fractions, for example $\frac{1}{2}$ of 6 = 3.
7 $\frac{1}{2} + \frac{1}{2} =$	$\frac{1}{1}$	Add and subtract fractions with the same denominator within one whole [for example, $\frac{1}{2} + \frac{1}{2} = \frac{1}{1}$].
8 $192 + 20 =$	212	Add and subtract numbers mentally, including a three-digit numbers and tens.
9 $\frac{2}{4} - \frac{1}{4} =$	$\frac{1}{4}$	Add and subtract fractions with the same denominator within one whole [for example, $\frac{2}{4} + \frac{1}{4} = \frac{3}{4}$].
10 $158 + 644 =$	802	Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
11 $4 \times 4 =$	16	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
12 Write the number 821 in words.	Eight hundred and twenty one	Read and write numbers up to 1000 in numerals and in words.
13 $171 + 400 =$	571	Add and subtract numbers mentally, including a three-digit number and hundreds.
14 $36 \div 9 =$	4	Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.
15 Order these numbers from largest to smallest: 675 756 657 706 576	756 706 675 657 576	Compare and order numbers up to 1000.
16 What is the value of the underlined digits? 54 <u>1</u> 3 <u>2</u> 1 <u>4</u> 73	1 and 20 and 400	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).
17 	$\frac{3}{6}$	Recognise and show, using diagrams, equivalent fractions with small denominators.
18 $37 \times 8 =$	296	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.
19 $\square - 80 = 220$	300	Add and subtract numbers mentally including a three-digit number and tens.
20 $32 \div 8 =$	4	Recall multiplication and division facts for multiplication tables up to 12×12 .
21 $\frac{1}{3}$ of 18 =	15	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.
22 $4182 - 1156 =$	3026	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
23 $124 \times 4 =$	496	Multiply two-digit and three-digit numbers by a one-digit number using formal written layout.
24 $7 \times 7 \times 2 =$	98	Use place value, known and derived facts to multiply and divide mentally, including multiplying together three numbers.
25 $1384 + 1000 =$	2384	Find 1000 more or less than a given number.