Year 6 Core Arithmetic Test 8

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1	485 + 100 =	
		1 mark
2	83 × 0 =	
		1 mark
3	400 - 1 =	
		1 mark
4	593 ÷ 1 =	
		1 mark
5	9 × 5 × 2 =	
		1 mark
6	7 × 7 =	
		1 mark
7	60 352 + 8793 =	
		1 mark

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8	$\frac{1}{8}$ of 996 =	
		1 mark
9	6291 - <u>4834</u>	
		1 mark
10	9.03 × 10 =	
		1 mark
11	37.9 + <u>87.4</u>	
		1 mark
12	154 × 7 =	
		1 mark
13	0.6 = ? %	
		1 mark
14	686 ÷ 8 =	
		1 mark

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15	$3^3 =$	
		1 mark
16	$2\frac{2}{9} + 3\frac{5}{9} =$	
		1 mark
17	12.05 ÷ 100 =	
		1 mark
18	0.06 × 7 =	
		1 mark
19	$\frac{5}{6} = \frac{20}{?}$	
		1 mark
20	9.07 × 5 =	
		1 mark
21	409 × <u>45</u>	
		2 marks

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22	$1\frac{1}{3} \times 2 =$	
		1 mark
23	$\frac{4}{5}$ of 450 =	
		1 mark
24	53)2248 =	
		2 marks
25	$\frac{1}{5} \times \frac{1}{3} =$	
		1 mark
26	66% of 3000 =	
		1 mark
27	$\frac{1}{6} \div 2 =$	
		1 mark
28	$\frac{6}{7} - \frac{3}{4} =$	
		1 mark

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Mark scheme

1.	585	[1]	19.	24	[1]
2.	0	[1]	20.	45.35	[1]
3.	399	[1]	21.	For 2 marks: 18 405	[2]
4.	593	[1]		For 1 mark: 409	
5.	90	[1]		<u>× 45</u> 2045 <u>16360</u>	
6.	49	[1]		18405	
7.	69 145	[1]		An error in one row, then ac correctly, or an error in the	
8.	124.5 or 1241/2	[1]	22.	$2\frac{2}{3}$	[1]
9.	1457	[1]		Ŭ	
10.	90.3	[1]	23.	360	[1]
11.	125.3	[1]	24.	For 2 marks: 42 r22 or 42 $\frac{22}{53}$ or 42.4(7)	[2] 15)
12.	1078	[1]		For 1 mark:	,
13.	60	[1]		42 or evidence of either a long division method or sho	rt
14.	85 r6 or 85.75 or 85 $\frac{3}{4}$ or 85 $\frac{6}{8}$	[1]		division method with only one error (carry figures mus be seen in a short division method)	
15.	27	[1]	25.	<u>1</u> 15	[1]
16.	$5\frac{7}{9}$	[1]	26.	1980	
17.	0.1205	[1]	27.	1 12	[1]
18.	0.42	[1]	28.	3 28	[1]