


Year 6 practice cards

ANSWERS 1 - 50

1	367 + 37 = 404 31 - 15 = 16							
2	a trapezium b rhombus c scalene							
3	a 105	b 509	c 1025					
4	a 121	b 305	c 241	d 107				
5	a 16:15 = 4.15pm b 17:05 = 5.05pm c 18:00 = 6pm							
6	a 2 x 3 x 7	b 3 x 5 x 7	c 2 x 5 x 13					
7	a £11.50	b £61	c £8 5	d 12				
8	a 5	b 3	c 5					
9	a 3 squares shaded b 3 squares shaded c 3 squares shaded d 6 squares shaded							
10	a 108	b 20						
11	<table border="1"><tr><td>2</td></tr></table>	2	<table border="1"><tr><td>13</td></tr></table>	13	<table border="1"><tr><td>12</td></tr></table>	12	<table border="1"><tr><td>9</td></tr></table>	9
2								
13								
12								
9								
12	a 19.3	b 6.2	c 1.5	d 3.2				
13	a 30	b 55	c 134	d 402				
14	a 45	b 35	c 25	d 15 e 65				
15	a yes b because adding an even number to an odd number always gives an odd number							
16	a 4/10 b 6/15 c 8/20 d 10/25 e 20/50							
17	a 225g	b 225g	c 125g					
18	diagram with any six small triangles shaded eg							
19	a 30	b 12.5	c 32	d 0.5625 e 0.125				
20	a 6/9	b 8/12	c 12/8	d 20/30 e 40/60				

21	(7, 1)
22	a 49 b 47, 79 or 97 c 54 d 45
23	evn squ : none evn non-squ : 28, 72 non-evn squ : 49 non-evn non-squ : 13
24	a -2.0, 0 -1.5, 0.5 -1, 1 b 0.5 c -3.5 d -1.5
25	suitable reflection
26	a 1665 b 6592 c $453 \times 7 = 3171$
27	a 25 weeks b about 2 bottles a year
28	a $2 \times 3 \times 13$ b $2 \times 3 \times 11$ c $3 \times 5 \times 11$
29	a 72 b 95 c 137 d 308
30	a £0.58, 63p, £1.68, £3.20, £4 b £0.17, £0.82, 84p, £1.07, £2
31	all are $> \frac{1}{2}$ except $\frac{7}{11}$
32	$\frac{9}{16}$
33	a 45 b 16 c 13 d 6 e 80
34	a 30 b 60
35	25 children (and 15 adults)
36	a 146 b 54 c 68 d 32
37	a $16:55 / 4.55 \text{ pm}$ b $17:50 / 5.50 \text{ pm}$ c $18:00 / 6 \text{ pm}$
38	a 6 b 16 c 15 d 40 e 30
39	a 10 b Year 6 c Year 4
40	a 139 b 28 c 7 d 150 e 170
41	a 8 carrots b 1.5 litres c 10 people

42	a 35 b 5 c 45 d 25 e 75
43	0.05, 0.35 and $\frac{6}{13}$ are all less than $\frac{1}{2}$ but $\frac{17}{30}$ and 0.55 are all more than $\frac{1}{2}$
44	a 270° b 240°
45	a £1.90 b £2.00 c tea + crisps d 20 cups
46	Suitable mirror-symmetry image
47	a 80° and 20° or 50° and 50° b 100cm
48	a 45, 93 b 18, 39 c 30.6, 64.2
49	6 piglets (and 9 lambs)
50	a 74 b 60 c 2 d 50