

FRACTIONS AND PERCENTAGES

Name: _____

Assessment Criteria: Recognise approximate proportions of a whole and use simple fractions and percentages to describe these

No calculators allowed!

1. Look at the 1-100 grid here.

What percentage of the numbers are even?

Explain how you know.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

2. The hour hand on a clock moves from the 12 to the 3. What fraction of a turn has it moved?

3. Give me an example of two numbers on a clock face that are

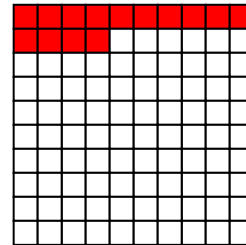
a) $\frac{1}{2}$ a turn apart

_____ and _____

b) $\frac{3}{4}$ of a turn apart

_____ and _____

4. a) What percentage of this 10 by 10 grid is shaded red?



b) What percentage is white?

5. $\frac{1}{2}$ is equivalent to 50%. Write down three other fraction / percentage pairs that are equivalent to each other:

_____ % and _____, _____ % and _____, _____ % and _____

Overall, I think my success level is:

Low High
○ ○ ○ ○

Q	FRACTIONS AND PERCENTAGES	☺	☹
	I can use fractions to describe simple proportions		
	I can use percentages to describe simple proportions		
	I can find some fraction / percentage equivalences		
	<i>I can develop my own strategies for solving problems</i>		
I need to practise ...			