Math Facts for the SHSAT

Fraction-Decimal-Percent Equivalents "*Partners*"					
If the *Denominator* **is:**	**Multiply the** *Numerator* **by:**	**Fraction**	**Percent**	**Decimal***	
1	100	$\frac{2}{1}$	$2 \times 100 = 200\%$	2.00	
100	1	$\frac{1}{100}$	$1 \times 1 = 1\%$	0.01	
2	50	$\frac{1}{2}$	$1 \times 50 = 50\%$	0.50	
50	2	$\frac{1}{50}$	$1 \times 2 = 2\%$	0.02	
4	25	$\frac{1}{4}$	$1 \times 25 = 25\%$	0.25	
25	4	$\frac{1}{25}$	$1 \times 4 = 4\%$	0.04	
5	20	$\frac{1}{5}$	$1 \times 20 = 20\%$	0.20	
20	5	$\frac{1}{20}$	$1 \times 5 = 5\%$	0.05	
10	10	$\frac{1}{10}$	$1 \times 10 = 10\%$	0.10 or 0.1	
3	33.33	$\frac{1}{3}$	$1 \times 33.33 = 33.33\%$	0.3333…	$0.\overline{3}$
		$\frac{2}{3}$	$2 \times 33.33 = 66.67\%$	0.6666…	$0.\overline{6}$
6	16.67	$\frac{1}{6}$	$1 \times 16.67 = 16.67\%$	0.1666…	$0.1\overline{6}$
		$\frac{5}{6}$	$5 \times 16.67 = 83.33\%$	0.8333…	$0.8\overline{3}$
8	12.5	$\frac{1}{8}$	$1 \times 12.5 = 12.5\%$	0.125	

*move decimal point in Percent **2** places to the **left**

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