

Section 5 Test: Equivalents 1

Convert to the other forms of number in 1 minute.

Fraction	Decimal	Percent
$\frac{2}{5}$		
	.25	
		211%
	.004	
$\frac{1}{10}$		
		8%
	1.73	
		1.7%
$\frac{3}{20}$		

Section 5 Test: **Equivalents 2**

Convert to the other forms of number in 1 minute.

Fraction	Decimal	Percent
$\frac{1}{3}$		
	7.823	
		7%
	.89	
$\frac{3}{4}$		
		20%
	.6	
		50%
$\frac{2}{8}$		

Test: 9 Rules of Partial Numbers

$(0.80)(0.70)$	$1.08 \div 0.09$	$\frac{9}{16} - \frac{3}{4}$	$11\% + 32\%$	$\frac{42}{24} \div \frac{14}{8}$
1) rule:	2) rule:	3) rule:	4) rule:	5) rule:
$(.4\%)(20\%)$	$\frac{5}{10} - \frac{2}{5}$	$(0.110)(1.2)$	$\frac{8}{9} \div \frac{3}{2}$	$\frac{11}{12} \left(\frac{2}{12} \right)$
6) rule:	7) rule:	8) rule:	9) rule:	10) rule:
$648 \div .08$	$24.7 + 12.08$	$31\% - 32.4\%$	$\left(\frac{56}{4} \right) \left(\frac{36}{8} \right)$	$72\% \div .08$
11) rule:	12) rule:	13) rule:	14) rule:	15) rule:

Test: MentalMath All

Know these answers in less than 2 minutes.

Place-value: adding whole and decimal numbers

1) $6 + .1 + .39$ 2) $.05 + .4 + .2$ 3) $12.48 - 4.2$ 4) $4.79 - 0.2$

Parts and Totals: subtracting partial form whole numbers

5) $10 - 8.95$ 6) $100 - 2.70$ 7) $30 - 29 \frac{3}{5}$ 8) $10 - 3 \frac{7}{9}$

Multiples and Factors: adding fractions

9) $\frac{3}{10} + \frac{2}{50}$ 10) $\frac{2}{27} + \frac{4}{9}$ 11) $(24) \frac{3}{12}$ 12) $(15) \frac{7}{3}$

Equivalents: landmarking with percents

13) **10% of 36** 14) **5% of 20** 15) **15% of 100** 16) **15% of 160**

Mechanics and MentalMath

Final Test

You have 4 minutes

24	GCF	6	LCM	Convert the terms to their equivalents							
32		3		$\frac{1}{8}$							
40		4		0.3							
12 – 7 =		81 ÷ 9 =		100%							
17 – 9 =		42 ÷ 6 =		$\frac{1}{5}$							
14 – 8 =		48 ÷ 8 =		0.45							
13 – 5 =		32 ÷ 8 =		7%							
Choose a number to skip-count by: 6, 7, 8, 12											
1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th

What is the place-value of the digit 6: **351, 460, 802, 009**

10 – 4.92 =		10% of 194 =	
4 + .03 + .2 + .7 =		$(\frac{5}{6})18 =$	