

Fraction Concepts

Grade 8 Pre-Algebra Pre-test 3 (2008)

7m 1n b1 o5a

7m 1n b1 o5c/d

7m 1n b2 o1a

7m 1n b2 o2a

7m 1n b2 o3b

7m 1n b2 o4a

7m 1n b2 o5c

7m 1n b2 o6

Name _____

Pre-test: Fraction Concepts

1. Complete the table:

Fraction	Decimal	Percent
1/4		
		33 1/3 %
2/3		
	0.5	
		75%
	.125	
1/9		
1		

For Questions 2 - 4, Write the number that should replace the box.

2. $\frac{2}{5} + \frac{\square}{3} = \frac{11}{15}$

4. $\frac{2}{3} - \frac{1}{\square} = \frac{1}{6}$

3. $\frac{3}{5} \times \frac{5}{\square} = 1$

5. $12 + \frac{1}{2} + \frac{\square}{6} = 13$

Fraction Concepts

6. $8\frac{3}{8} - 2\frac{2}{3}$ is between

- a. 4 and 5 b. 5 and 6 c. 6 and 7 d. 7 and 8

7. $6\frac{3}{4} + 2\frac{1}{2}$ is between

- j. 7 and 8 k. 8 and 9 l. 9 and 10 m. 10 and 11

For Questions 8 - 11, evaluate each problem.

8. $\frac{3}{4} + \frac{1}{2} =$

9. $\frac{1}{3} - \frac{3}{10} =$

10. $\frac{2}{3} \times \frac{4}{6} =$

11. $\frac{2}{3} \div \frac{1}{2} =$