

## Rational and Irrational Numbers



Date Name Class

The fraction,  $\frac{4}{5}$ , is equal to which decimal?

- A 0.6
- **B** 0.75
- C 0.8
- D 0.85

The fraction,  $\frac{6}{15}$ , is equal to which decimal?

- A 0.2
- **B** 0.4
- C 0.6
- **D** 0.8

3

The decimal, 0.325 is equal to which fraction?

**A**  $\frac{8}{40}$ 

Which group of fractions and decimals all have the same value?

- **A**  $\frac{6}{16}$ , 0.375,  $\frac{9}{32}$  **C** 0.25,  $\frac{5}{20}$ ,  $\frac{20}{100}$





## **PREVIEW**



Please Sign In or Sign Up to download the printable version of this worksheet

- **A**  $\frac{1}{3}$ , 0.75,  $\frac{14}{8}$ , 1.3,  $\frac{14}{16}$  **C**  $\frac{1}{3}$ ,  $\frac{14}{8}$ , 0.75, 1.3,  $\frac{14}{16}$

**B** 0.6,  $\frac{2}{3}$ , 1.2,  $\frac{4}{5}$ ,  $\frac{29}{25}$  **D**  $\frac{2}{3}$ ,  $\frac{4}{5}$ , 0.6, 1.2,  $\frac{29}{25}$ 

**B**  $\frac{1}{3}$ ,  $\frac{14}{16}$ , 0.75,  $\frac{14}{8}$ , 1.3 **D**  $\frac{1}{3}$ , 0.75,  $\frac{14}{16}$ , 1.3,  $\frac{14}{8}$ 



Which group of fractions and decimals is in order from greatest to least?

- **A**  $\frac{18}{16}$ , 1.1,  $\frac{21}{25}$ , 0.71,  $\frac{21}{50}$  **C** 1.1,  $\frac{18}{16}$ ,  $\frac{21}{50}$ , 0.71,  $\frac{21}{25}$
- **B**  $\frac{21}{50}$ , 0.71,  $\frac{21}{25}$ , 1.1,  $\frac{18}{16}$  **D**  $\frac{21}{25}$ , 0.71,  $\frac{21}{50}$ ,  $\frac{18}{16}$ , 1.1

10

The following numbers,  $\frac{15}{12}$ , 0.9, n,  $\frac{14}{40}$ 0.2, are ordered from greatest to least.

What number could n be?

- A 0.27
- **B** 0.93
- $D \frac{11}{12}$



## Rational and Irrational Numbers



Name	e Class Date	
1	The fraction, $\frac{4}{5}$ , is equal to which decimal?  A 0.6 B 0.75 C 0.8 D 0.85  The fraction, $\frac{6}{15}$ , is equal to which decimal?  A 0.2 B 0.4 C 0.6 D 0.85	B
3	The decimal, <b>0.325</b> is equal to which fraction?  A $\frac{8}{40}$ C $\frac{13}{40}$ C $\frac{13}{40}$ A $\frac{6}{16}$ , 0.375, $\frac{9}{32}$ C 0.25, $\frac{5}{20}$ , $\frac{20}{100}$	D
5	PREVIEW	B
7	Please <u>Sign In</u> or <u>Sign Up</u> to download the printable version of this worksheet  A $\frac{1}{3}$ , 0.75, $\frac{14}{8}$ , 1.3, $\frac{14}{16}$ c $\frac{1}{3}$ , $\frac{14}{8}$ , 0.75, 1.3, $\frac{14}{16}$ B $\frac{1}{3}$ , $\frac{14}{16}$ , 0.75, $\frac{14}{8}$ , 1.3 D $\frac{1}{3}$ , 0.75, $\frac{14}{16}$ , 1.3, $\frac{14}{8}$	<u>C</u>
9	Which group of fractions and decimals is in order from greatest to least?  A $\frac{18}{16}$ , 1.1, $\frac{21}{25}$ , 0.71, $\frac{21}{50}$ C 1.1, $\frac{18}{16}$ , $\frac{21}{50}$ , 0.71, $\frac{21}{25}$ , 0.71, $\frac{21}{25}$ , 1.1, $\frac{18}{16}$ D $\frac{21}{25}$ , 0.71, $\frac{21}{50}$ , 1.1  A 0.27  C $\frac{7}{8}$ B 0.93  D $\frac{11}{12}$	