

Math 6 - 6.2 [Exam ID:3471]

1 Which of the following is another way of expressing 2 out of 8 ?

A 2.5%

B 25%

C 2.5

D 25

2 Silas bought a bag of 12 muffins. There were 7 blueberry muffins and 3 banana muffins in the bag. The rest of the muffins were cranberry. What fractional part of the bag of muffins was cranberry?

F $\frac{7}{12}$

G $\frac{5}{12}$

H $\frac{1}{6}$

J $\frac{1}{2}$

3 Which percent is equivalent to $\frac{3}{5}$?

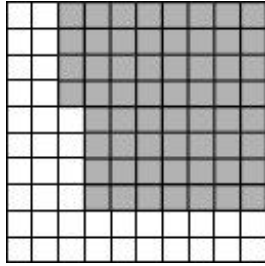
A 60%

B 20%

C 35%

D 15%

4 Which represents the part of the 10-by-10 grid that is shaded?



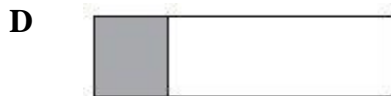
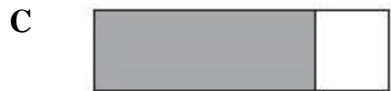
F $\frac{3}{4}$

G $\frac{3}{5}$

H $\frac{1}{2}$

J $\frac{7}{10}$

5 Which of the following figures most closely shows 25% shaded?



6 **A store advertisement reads "Going Out of Business Sale. Everything is $\frac{5}{8}$ off." What percent is $\frac{5}{8}$?**

F 16%

G 58%

H 37.5%

J 62.5%

7 **Which is true?**

A $\frac{30}{1,000} = 0.30$

B $\frac{3}{50} = 0.06$

C $60\% = \frac{3}{50}$

D $30\% = \frac{3}{100}$

8 **Which number is equivalent to 0.7%?**

F 7

G 0.07

H 70

J 0.007

9 Which fraction has the same value as 0.6?

A $\frac{3}{5}$

B $\frac{1}{2}$

C $\frac{2}{3}$

D $\frac{1}{6}$

10 Which is equivalent to $\frac{7}{10}$?

F 0.7%

G 7%

H 700%

J 70%

11 The fraction $\frac{1}{8}$ is equivalent to —

A 0.012%

B 12.5%

C 0.125%

D 125%

12 Which is equivalent to $\frac{3}{20}$?

F 15%

G 3%

H 5%

J 20%

13 Which number is equivalent to 30%?

A $\frac{1}{3}$

B 0.03

C 30.0

D $\frac{3}{10}$

14 Which is true?

F $\frac{5}{12} \geq \frac{4}{7}$

G $\frac{3}{10} < \frac{4}{9}$

H $\frac{7}{11} \geq \frac{5}{6}$

J $\frac{2}{5} < \frac{3}{8}$

15 Which of the following is true?

A $0.325 < 0.275$

B $0.310 > 0.325$

C $0.325 > 0.310$

D $0.310 < 0.275$

16 Which decimals are ordered from *least to greatest*?

F 1.0, 0.05, 0.8, 0.009

G 0.009, 0.05, 0.8, 1.0

H 0.009, 0.8, 0.05, 1.0

J 1.0, 0.8, 0.05, 0.009