

1. Find the percentage equivalent of 1.9512.

- A. 19.51%
- B. 1951.2%
- C. 195.12%
- D. 195120%
- E. 0.02%
- F. 1.95%
- G. 1951200%
- H. 0.2%

2. Find the quotient and express your answer in lowest terms.

$$\frac{2}{9} \div \frac{1}{12}$$

- A.  $\frac{8}{3}$
- B.  $\frac{49}{15}$
- C.  $\frac{10}{3}$
- D.  $\frac{13}{6}$
- E.  $\frac{23}{12}$
- F.  $\frac{43}{15}$
- G.  $\frac{7}{3}$
- H.  $\frac{31}{15}$

3. Write the mixed number as an improper fraction.

$$12\frac{6}{7}$$

A.  $\frac{94}{6}$

B.  $\frac{90}{7}$

C.  $\frac{91}{6}$

D.  $\frac{88}{7}$

E.  $\frac{95}{7}$

F.  $\frac{92}{6}$

G.  $\frac{85}{6}$

H.  $\frac{86}{7}$

4. Find the quotient. If your answer has more than four decimal places, drop all digits past four places (truncate). Do not round the answer.

$$0.1166 \div 0.6702$$

A. 0.2439

B. 0.1739

C. 0.2139

D. 0.1039

E. 0.2539

F. 0.1539

G. 0.0839

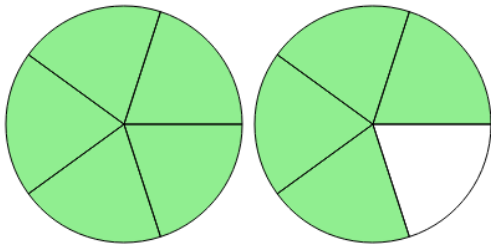
H. 0.2039

5. Write the following fraction as its decimal equivalent. If your answer has more than four decimal places, drop all digits past four places (truncate). Do not round the answer.

$$\frac{67}{86}$$

- A. 0.829
- B. 0.719
- C. 0.779
- D. 0.769
- E. 0.689
- F. 0.839
- G. 0.699
- H. 0.759

6. Write the fractions which represent the shaded and unshaded portion of the figure below.



- A. Shaded:  $\frac{9}{5}$ . Unshaded:  $\frac{1}{5}$ .
- B. Shaded:  $\frac{11}{5}$ . Unshaded:  $\frac{1}{5}$ .
- C. Shaded:  $\frac{13}{5}$ . Unshaded:  $\frac{3}{5}$ .
- D. Shaded:  $\frac{11}{5}$ . Unshaded:  $\frac{1}{5}$ .
- E. Shaded:  $\frac{8}{5}$ . Unshaded:  $\frac{2}{5}$ .
- F. Shaded:  $\frac{6}{5}$ . Unshaded:  $\frac{4}{5}$ .
- G. Shaded:  $\frac{12}{5}$ . Unshaded:  $\frac{2}{5}$ .
- H. Shaded: 2. Unshaded: 0.

7. Find the product. If your answer has more than four decimal places, drop all digits past four places (truncate). Do not round the answer.

$$1.0555 \times 3.9375$$

- A. 4.116
- B. 4.196
- C. 4.176
- D. 4.066
- E. 4.246
- F. 4.156
- G. 4.206
- H. 4.106

8. Find the decimal equivalent of 412%.

- A. 412
- B. 4.12
- C. 0.0041
- D. 0.0004
- E. 0.412
- F. 4120
- G. 41200
- H. 41.2