

Computation and Number Concepts

Directions: Fill in the answer circles for your choices. Select "none of these" if the correct answer is not present.

Sample

- A. $\frac{3}{4} + \frac{2}{8} =$
- (A) 3 (D) $\frac{1}{2}$
 (B) $\frac{8}{12}$ (E) none of these
 (C) $4\frac{2}{3}$

1. Simplify $28/6$

- (A) $4\frac{1}{2}$ (D) $3\frac{1}{2}$
 (B) 4 (E) none of these
 (C) $4\frac{2}{3}$

2. Convert $8\frac{7}{12}$ to an improper fraction.

- (F) $\frac{90}{12}$ (I) $\frac{102}{12}$
 (G) $\frac{91}{12}$ (J) none of these
 (H) $\frac{103}{12}$

3. Rename $\frac{3}{4}$ to be in its simplest form.

- (A) $\frac{3}{4}$ (D) $\frac{4}{8}$
 (B) $\frac{1}{2}$ (E) none of these
 (C) $\frac{2}{3}$

4. $\frac{7}{10} + \frac{3}{10} + \frac{9}{10} =$

- (F) $\frac{19}{10}$ (H) $1\frac{8}{10}$
 (G) $\frac{19}{30}$ (I) none of these
 (H) $1\frac{9}{10}$

5. $\frac{8}{12} + \frac{13}{12}$

- (A) $\frac{29}{24}$ (D) $\frac{15}{24}$
 (B) $\frac{21}{36}$ (E) none of these
 (C) $\frac{21}{24}$

6. $\frac{7}{8} - \frac{5}{8} =$

- (F) $\frac{2}{0}$ (H) $\frac{12}{16}$
 (G) $\frac{1}{4}$ (I) none of these
 (H) $\frac{2}{8}$

7. $\frac{7}{9} - \frac{1}{3} =$

- (A) $\frac{4}{9}$ (D) $\frac{6}{12}$
 (B) $\frac{4}{6}$ (E) none of these
 (C) $\frac{6}{6}$

8. $3\frac{2}{8} + 4\frac{5}{8} =$

- (F) $7\frac{7}{8}$ (I) $\frac{1}{2}$
 (G) $7\frac{7}{16}$ (J) none of these
 (H) $\frac{14}{8}$

9. $11\frac{5}{6} - 8\frac{1}{6} =$

- (A) $3\frac{4}{6}$ (D) $\frac{11}{3}$
 (B) $3\frac{2}{3}$ (E) none of these
 (C) $\frac{22}{6}$

10. Which fraction is equivalent to $\frac{9}{16}$

- (F) $\frac{2}{3}$ (H) $\frac{3}{4}$
 (G) $\frac{1}{2}$ (I) none of these
 (H) $\frac{18}{32}$

