

Grade 8 – Standard 2

1. Add and simplify

$$\begin{array}{r} 2\frac{3}{4} \\ + 5\frac{1}{3} \\ \hline \end{array}$$

A) $7\frac{1}{12}$

B) $7\frac{4}{7}$

C) $8\frac{1}{12}$

D) $8\frac{12}{13}$

2. $0.672 \div 32 =$

E) 0.021

F) 0.022

G) 2.2

H) 21

3. Subtract

$$\begin{array}{r} 14\frac{5}{8} \\ - 6\frac{5}{6} \\ \hline \end{array}$$

A) $7\frac{19}{24}$

B) 8

C) $8\frac{5}{24}$

D) $21\frac{11}{24}$

4. 2% of 56 is _____.

- E) 0.112
- F) 1.12
- G) 11.2
- H) 112

5. Estimate the product by rounding each factor to the nearest ten.

$$\begin{array}{r} 748 \\ \times 96 \\ \hline \end{array}$$

- A) 66,600
- B) 67,500
- C) 74,000
- D) 75,000

6. Simplify: $6^2 - \frac{16}{2} + \sqrt{25}$

- E) 9
- F) 15
- G) 19
- H) 33

7. Evaluate

$$7 + 5[(3 + 2)^2 - (2^3 + 1)]$$

- A) 22
- B) 36
- C) 87
- D) 97