



BASIC ARITHMETIC ASSESSMENT SAMPLE

You have up to 1 hour to complete **25 multiple choice questions**.
Calculators and dictionaries are NOT allowed.

PART A - Whole numbers

1. Add: $39,437 + 127,648 + 7,056$ 1. _____
2. Subtract: 19,820 from 209,327 2. _____
3. Multiply: $5,064 \times 327$ 3. _____
4. Divide: $46,428 \div 876$ 4. _____
5. Round off to the nearest hundred: 74,863 5. _____

PART B - Fractions

1. Supply the missing term: $\frac{7}{8} = \frac{?}{48}$ 1. _____
2. Reduce to lowest terms: $\frac{42}{54}$ 2. _____
3. Find the largest fraction: $\frac{9}{14}$, $\frac{9}{13}$, $\frac{9}{15}$ 3. _____
4. Add: $\frac{5}{12} + \frac{4}{9}$ 4. _____
5. Subtract: $4\frac{7}{8} - 2\frac{1}{6}$ 5. _____
6. Multiply: $12 \times \frac{3}{4}$ 6. _____
7. Divide: $\frac{7}{24} \div \frac{21}{8}$ 7. _____

PART C - Decimals

1. Write as a fraction in lowest terms : .75 1. _____
2. Write $\frac{5}{8}$ as a decimal. 2. _____
3. Round off to the nearest hundredths: 7432.04816 3. _____
4. Add: $700 + .059 + 3.1$ 4. _____
5. Subtract: $89.4 - 8.94$ 5. _____
6. Multiply: $5.63 \times .03$ 6. _____
7. Divide: $3.151 \div 2.3$ 7. _____

PART D - Per Cent

1. Express 84% as a fraction in lowest terms: 1. _____
2. Express 8½% as a decimal numeral: 2. _____
3. Express $\frac{18}{25}$ as a per cent: 3. _____
4. In a class of 50 students, 15 students have brown hair. What is the per cent of brown-haired students in the class? 4. _____
5. A store had a sale with 20% off on all items. How much would you pay for a picture which had a regular price of \$80? 5. _____
6. A 5% sales tax on an item is \$.75. Find the price of the item. 6. _____

Answer key for Basic Arithmetic

PART A

1. 174,141
2. 189,507
3. 1,655,928
4. 53
5. 74,900

PART B

1. $\frac{7}{8} = \frac{42}{48}$
2. $\frac{7}{9}$
3. $\frac{9}{13}$
4. $\frac{31}{36}$
5. $2\frac{17}{24}$
6. 9
7. $\frac{1}{9}$

PART C

1. $\frac{3}{4}$
2. .625
3. 7432.05
4. 703.159
5. 80.46
6. .1689
7. 1.37

PART D

1. $\frac{21}{25}$
2. .085
3. 72%
4. 30%
5. \$64
6. \$15