

Name: _____ Date: _____

Mixed Concepts

1)
$$\begin{array}{r} 0.4 \\ \times \underline{2} \\ \hline \end{array}$$

F 0.81
G 0.92
H 0.08
J 0.8

2) Solve for x:
 $70 = 10x$

F 7
G 10
H 9
J 80

3) $\frac{2}{3} \div 3$

A 2 C $\frac{1}{3}$
B $\frac{2}{9}$ D $4\frac{1}{2}$

4) Which equation best represents the pattern shown in the table below?

x	y
6	11
8	13
10	15
12	17

A $y = x + 7$
B $y = x + 4$
C $y = x + 2$
D $y = x + 5$

5) Solve for x:
 $11 = x \div 11$

A 221
B 132
C 121
D 122

6) $\frac{7}{8} \times 2$

F $2\frac{2}{7}$ H $1\frac{3}{4}$
G $\frac{4}{7}$ J $\frac{7}{8}$

7) $9 \div \frac{1}{5}$

F 45 H $1\frac{4}{5}$
G 23 J $\frac{1}{45}$

8) Solve the expression below.
 $3[8(9 - 5) + 6]$

A 21
B 114
C 112
D 117

- 9) Solve the expression below.
 $(9 - 21 \div 7) \times 3$

F 20
G 6
H 16
J 18

10)
$$\begin{array}{r} 0.08 \\ \times \quad 0.8 \\ \hline \end{array}$$

A 0.044
B 0.064
C 0.164
D 0.074

- 11) Which equation best represents the pattern shown in the table below?

x	y
6	18
9	27
12	36
15	45

F $y = 2x$
G $y = 4x$
H $y = 3x$
J $y = 7x$

12)
$$\frac{1}{4} \times 9$$

A $2\frac{1}{4}$ C $2\frac{1}{2}$
B $\frac{4}{9}$ D $2\frac{1}{5}$

Mixed Concepts

Answer Key

1) J 0.8

7) F 45

2) F 7

8) B 114

3) B $\frac{2}{9}$

9) J 18

4) D $y = x + 5$

10) B 0.064

5) C 121

11) H $y = 3x$

6) H $1 \frac{3}{4}$

12) A $2 \frac{1}{4}$

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