

**Fractions, Decimals, and Percents**

- 1** Add these fractions and simplify the answer

$$\frac{10}{11} + \frac{2}{5}$$

A $\frac{4}{11}$	B 1	C $1\frac{17}{55}$
D $2\frac{2}{5}$	E $\frac{12}{55}$	F $\frac{2}{3}$

- 2** Subtract these fractions and simplify the answer

$$3\frac{1}{3} - \frac{1}{9}$$

A $3\frac{2}{3}$	B $3\frac{1}{3}$	C $\frac{10}{27}$
D $3\frac{2}{9}$	E $5\frac{1}{2}$	F $1\frac{2}{9}$

- 3** Subtract these fractions and simplify the answer

$$2\frac{1}{2} - \frac{1}{11}$$

A 1	B 0	C $2\frac{9}{22}$
D $\frac{3}{11}$	E $2\frac{1}{2}$	F $\frac{3}{5}$

- 4** Subtract these fractions and simplify the answer

$$\frac{1}{5} - \frac{1}{15}$$

A $\frac{1}{5}$	B $\frac{2}{75}$	C $\frac{3}{8}$
D $2\frac{2}{3}$	E $\frac{2}{5}$	F $\frac{2}{15}$

- 5** Subtract these fractions and simplify the answer

$$3\frac{2}{7} - 2\frac{6}{7}$$

A $3\frac{5}{7}$	B $\frac{3}{7}$	C $3\frac{1}{3}$
D $1\frac{1}{9}$	E $2\frac{4}{7}$	F $6\frac{1}{7}$

- 6** Subtract these fractions and simplify the answer

$$\frac{1}{7} - \frac{1}{11}$$

A $\frac{1}{77}$	B $\frac{3}{5}$	C $\frac{5}{7}$
D 1	E $\frac{2}{7}$	F $\frac{4}{77}$

- 7** Figure out the answer by using the correct order of operations

$$(24 + 2^2) \div 7 + 6 \times 5 = ?$$

A 8	B 34	C 35
D 3	E 42	F 4

- 8** Compare the two numbers. Is the first less than, equal to, or greater than the second?

$$-0.83 \quad \bigcirc \quad -\frac{5}{4}$$

A >	B =
C <	

**Fractions, Decimals, and Percents**

- 9** Put these numbers in order from smallest to largest.

$$0.\overline{4}, -\frac{1}{8}, \frac{2}{3}$$

A	$\frac{2}{3}, -\frac{1}{8}, 0.\overline{4}$	B	$-\frac{1}{8}, 0.\overline{4}, \frac{2}{3}$
C	$\frac{2}{3}, 0.\overline{4}, -\frac{1}{8}$	D	$-\frac{1}{8}, \frac{2}{3}, 0.\overline{4}$

- 10** Convert this decimal to a percent

0.80

A	0.08%	B	80%
C	0.8%	D	800%
E	8%	F	8,000%

- 11** Put these numbers in order from smallest to largest.

$$0.\overline{3}, 0.\overline{4}, 0.23$$

A	$0.23, 0.\overline{3}, 0.\overline{4}$
B	$0.\overline{3}, 0.\overline{4}, 0.23$
C	$0.\overline{4}, 0.\overline{3}, 0.23$
D	$0.23, 0.\overline{4}, 0.\overline{3}$

- 12** Convert this decimal to a percent

0.04

A	0%	B	400%	C	4%
D	0.4%	E	40%		

- 13** Convert this fraction to a percent

$$\frac{2}{10}$$

A	40%	B	125%
C	12.5%	D	20%
E	133.3%	F	50%

- 14** Convert this fraction to a decimal

$$\frac{3}{25}$$

A	1.5	B	0.12	C	2
D	3	E	0.375	F	1.75

- 15** Which fraction is the same as this percent?

75%

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

**Fractions, Decimals, and Percents****16** Which fraction is the same as this percent?**0.2%**

A	2	B	$\frac{2}{1,000}$
C	$\frac{2}{10}$	D	$\frac{2}{100,000}$

17 Which fraction is equivalent to this decimal?**0.8**

A	$\frac{6}{10}$	B	$\frac{8}{10}$
C	$\frac{2}{10}$		

18 Divide these fractions and simplify the answer

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

A	$\frac{4}{9}$	B	$3\frac{2}{3}$	C	9
D	11	E	$5\frac{1}{2}$		

19 Divide these fractions and simplify the answer

$$\left(\frac{9}{7}\right) \div \left(\frac{1}{8}\right)$$

A	$\frac{9}{56}$	B	17	C	$2\frac{3}{7}$
D	$10\frac{2}{7}$	E	$2\frac{1}{8}$		

20 Divide these fractions and simplify the answer

$$\left(2\frac{1}{2}\right) \div \left(1\frac{2}{3}\right)$$

A	4	B	$1\frac{1}{7}$	C	$1\frac{3}{5}$
D	$4\frac{1}{6}$	E	$1\frac{1}{2}$	F	$\frac{4}{5}$

21 Divide these fractions and simplify the answer

$$\left(\frac{4}{4}\right) \div \left(4\frac{1}{2}\right)$$

A	$\frac{3}{5}$	B	6	C	$\frac{2}{3}$
D	$\frac{8}{9}$	E	18		

22 Divide these fractions and simplify the answer

$$2 \div \frac{19}{9}$$

A	11	B	$\frac{11}{20}$	C	$\frac{18}{19}$
D	$\frac{11}{19}$	E	$4\frac{2}{9}$		

23 Multiply these fractions and simplify the answer

$$1\frac{4}{5} \times \frac{1}{4}$$

A	$2\frac{1}{2}$	B	$\frac{1}{2}$	C	$\frac{9}{20}$
D	$7\frac{1}{5}$	E	2	F	$1\frac{1}{9}$