

Process Standards Rubric

Number and Operations – Drill Sheets

Expectations Instructional programs from pre-kindergarten through grade 12 should enable all students to:	Drills																				
	Warm-up 1	Timed Drill 1	Warm-up 2	Timed Drill 2	Timed Drill 3	Timed Drill 4	Warm-up 3	Timed Drill 5	Timed Drill 6	Warm-up 4	Timed Drill 7	Timed Drill 8	Warm-up 5	Timed Drill 9	Warm-up 6	Timed Drill 10	Timed Drill 11	Review A	Review B	Review C	
GOAL 1: Problem Solving	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 2: Reasoning & Proof	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 3: Communication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 4: Connections	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GOAL 5: Representation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SAMPLE



2a) Multiply or divide the following.

i) 7623×52

ii) 6039×75

iii) 5199×36

iv) 8004×48



v) $7595 \div 49 =$

vi) $5775 \div 75 =$

vii) $4591 \times 0.01 =$

viii) $2345 \times 0.1 =$

ix) $7023.3 \times 0.001 =$

b) Compare the following sets of fractions by writing greater than (>), less than (<) or equal to (=) in the box. Ex: $2/4$ $1/2$

i) $2/3$ $1/2$

ii) $4/5$ $8/10$

iii) $2/4$ $3/5$

c) In a classroom of 36 students, 12 are female. What is the ratio of female to male?

Ex: Ratio of 5 to 9 = 5:9 _____

d) On a hockey team of 18 players, 7 shoot left-handed. What is the ratio of left-handed to right-handed players? _____

e) Solve the following. Ex: $60 \div 5 + 12 \times 11 = 12 + 132 = 144$

i) $43 + 26 \div 2 =$

ii) $138 - 12 + (14 + 16 \div 4) =$

iii) $90 \div 10 + 14 \times 2 =$

iv) $77 \div 11 + (13 - 7) =$

v) $(-7) + (-2) =$

vi) $14 - (-7) =$

vii) $75 + (-50) =$

f) Write each number in expanded form. Ex: $46031 = 40\,000 + 6000 + 30 + 1$

i) $32\,451 =$ _____

ii) $907\,255 =$ _____



Review A



a) List the following numbers in order from greatest to least:

17.34, 21.009, 1.734, 2.1009, 0.1734 _____

b) Write the following number in words.

86 356 _____

c) Determine:

i) 40% of 24 _____

ii) 25% of 120 _____

d) Write the place value of the underlined digit.

i) 5902.5 = _____

ii) 2548.23 = _____

e) Write the following number in expanded form.

134 691 = _____

f) Multiply the following.

i)
$$\begin{array}{r} 3518 \\ \times 78 \\ \hline \end{array}$$

ii)
$$\begin{array}{r} 804.3 \\ \times 34 \\ \hline \end{array}$$

iii)
$$\begin{array}{r} \$32.78 \\ \times 51 \\ \hline \end{array}$$

iv)
$$\begin{array}{r} 5397 \\ \times 0.02 \\ \hline \end{array}$$

g) In Rene's swim team, 12 of the 19 members are girls. What is the ratio of girls to boys on her swim team? _____

h) Find the missing number in the fraction equivalents.

i) $\frac{4}{5} = \frac{\quad}{25}$

ii) $\frac{1}{2} = \frac{\quad}{24}$

iii) $\frac{12}{48} = \frac{1}{\quad}$

SAMPLE

Place Value, Ordering



a) Solve the following.

i) × =

ii) + =

b) Write greater than (>), less than (<), or equal to (=) in the box between the two numbers.

i) _____ _____

ii) _____ _____

iii) _____ _____

c) Which number is modeled in the place-value chart below?

100 Thousands	10 Thousands	Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Answer: _____

d) Round each number to the nearest thousand.

i)	<input type="text"/>	ii)	<input type="text"/>	iii)	<input type="text"/>
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e) Write the following group of numbers in order from least to greatest.

i)	<input type="text"/>
	<input type="text"/>