CC3306

GRADES
3-5

Number & OPERATIONS

Task & Drill Worksheets

Aligned to your **State Standards**

Curriculum **Focal Points**

Real Life **Word Problems**

1+2 ÷ 5-3 − ½
1x ⅟% 8 ½ #
1 ¼ ⅛ x 1
⅟8 #5 -4x6
⅟8 ⫽ + %

60
55 30 5
27 3
24 6
21 9
18 15 12
10
1
20

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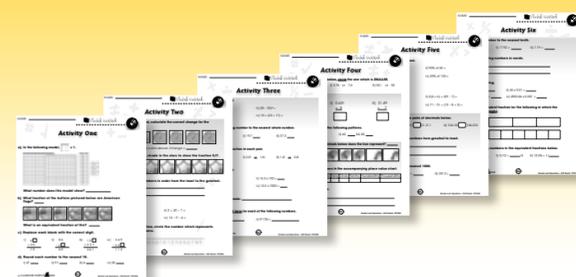
Task Sheet 5

5a) Jenna has 12 colored pencils in her pencil case.

RED	RED	RED
RED	BLUE	BLUE
BLACK	GREEN	GREEN
GREEN	GREEN	GREEN

If Jenna reaches into her pencil case without looking, what is the probability of her picking out a black pencil? **Circle** the correct answer.

i) $4/12$ ii) $1/12$ iii) $1/8$ iv) $1/4$

b) $4/12$ of Jenna's pencils are red. Give the correct numerator for these two equivalent fractions:

/6   and   /3

c) Most people take hurricane warnings seriously. If the local weather report said that there was a 40% chance of a hurricane happening today, what fraction represents this percentage?

i) $4/12$ ii) $4/\_\_$ iii) $2/5$ iv) $1/4$

d) Write the following fractions in order from least to greatest.

$1/2$ $3/4$ $3/8$ $7/6$ [   ]

Explain Your Answer Compare your answer with another student's and discuss similarities and differences.

_____
_____
_____

Task Sheet 12

12a) Caleb bought a bag containing 36 candies. From the bag Caleb picked 12 candies without looking. He got 6 red, 3 blue, 2 green, and 1 orange candy.

If the rest of the candies were the same color combination as the 12 he picked out, how many candies of each of these four colors were in the bag when Caleb bought it?

Red		Blue		Green		Orange	

Explain Your Answer
_____
_____

Explore With Technology
Caleb's teacher, Mrs. Kendell, decides to raise money for a class trip through the sale of candy. Imagine you are Mrs. Kendell and that you have to place an order for candy on the internet. Go to a site such as www.metrocandy.com/bulk-candy. Imagine you have $100.00 to spend. On a separate piece of paper place your imaginary order, listing your selections and the cost. Be sure not to 'spend' over $100.00 (including shipping).

b) Josh is given a taste of Caleb's candy and likes it so much he decides to buy his own. He doesn't have much money so he decides to shop around for the best buy. He visits three stores offering the same kind of candy his friend Caleb bought. He would like to buy at least 50 so he can share with his friends.

• Maggie's Mart sells a package of 50 for $1.49
• Fred's Farm-a-cee sells a package of 25 for .75¢
• Junior's Candy Palace sells them individually for .03¢ each.

What is the best deal for Josh? _____

Minutes

3a) Write the following fractions in order from least to greatest.
Ex: 1/3, 6/12, 1/6 = **1/6, 6/12, 1/3**

1/2, 3/4, 1/4 _____

b) What fraction of the insects pictured below are bees? _____
Ex: 2/4

What is an equivalent fraction of this? _____   Ex: 2/4 = 1/2

c) Find the missing numbers in the equivalent fractions below.
Ex: 1/3 (4/4) = **4/12**

i) 2/6 = 10/____   ii) 3/9 = ____/27   iii) 4/5 = 16/____

d) What is the place value of the underlined digits?   Ex: 1**3**5 = **tens**

i) **8**90.2 = _____   ii) 45.2**3** = _____

e) Write each number in expanded form.   Ex: 1672 = 1000 + 600 + 70 + 2

i) 5470 = _____   ii) 6901 = _____

f) Write 2671 in words: Ex: 201 = **two hundred one**
_____

g) On the number line below, circle the number which indicates nine steps backward.   Ex: Circle 2 steps forward.

-9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9
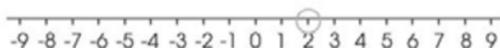
10a) What is the place value of the underlined digit?

i) 7**5**4 = _____   ii) 90**2** = _____   iii) 298.**4** = _____

iv) **2**367 = _____   v) 401.9**1** = _____   vi) 9**1**35 = _____

b) Record the following numbers in the accompanying place value charts.

i) 3159.24

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

ii) 704.936

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

iii) 291.013

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

c) Round each number to the nearest 100.

i) 234 = _____   ii) 1212 = _____   iii) 957 = _____

iv) 555 = _____   v) 110 = _____   vi) 679 = _____

d) Round each number to the nearest 10.

i) 378 = _____   ii) 7081 = _____   iii) 67 = _____

iv) 456 = _____   v) 497 = _____   vi) 1072 = _____

Drill Sheet 1

a) For each pair of decimal numbers, (circle) the one which is LARGER.

i)	2.8	2.67	vi)	18.8	18.676
ii)	0.3	0.33	vii)	0.1	0.02
iii)	0.12	0.3	viii)	4.67	4.8
iv)	9.65	9.7	ix)	0.9	0.899
v)	0.672	0.8	x)	67.99	67.00

Place the correct number in each of the boxes in the following questions to make this number sentence correct.

b)   75 − ☐ = 39

i) 36   ii) 42   iii) 26   iv) 51

c)   7 × 8 = ☐

i) 42   ii) 49   iii) 56   iv) 58

d)   64 − 35 = 14 + ☐

i) 19   ii) 23   iii) 31   iv) 15

Review A

a) A half-dozen fancy donuts costs $3.60 at the local bakery. What would be the cost per donut? (Circle) the correct answer.

○ **A** .60¢
○ **B** .45¢
○ **C** .90¢
○ **D** .30¢

b) Replace each blank with the correct digit.

i)	ii)	iii)	iv)	v)
3 ☐	4 5	6 ☐	7 2	9 8
+ 6 5	+ 1 ☐	+ 2 ☐	− 3 ☐	− 7 ☐
9 6	5 7	8 6	4 1	2 4

c) The number ☐ is represented in the place value chart below.

ten thousands (	thousands M	hundreds Ø	tens II	ones ()
	M M M M	Ø Ø	IIII	0000 000

d) A group of 27 Grade 2 students and 23 Grade 3 students go to the park. What is the total number of students in the group?

i) 40   ii) 60   iii) 70   iv) 50

e) In the following number pattern Letitia is counting backwards by 100s.
764, 664, 564, ___, ___

What will the next two numbers be in her pattern?

i) 864, 964   ii) 464, 364   iii) 364, 264   iv) 564, 664

Review B

a) Listed below is a number pattern showing how Karla's book collection grew over the last four months.

7, 13, 19, 25 …

If Karla's book collection grows by the same number this month, how many will she have in total? (Circle) the correct answer.

i) 31   ii) 29   iii) 30   iv) 32

How many books will she have the following month if the collection continues to grow by the same number?

v) 41   vi) 36   vii) 37   viii) 43

b) Replace each blank with the correct digit.

i)	ii)	iii)	iv)	v)
7 2 3	9 1 6	7 8 7	8 5 ☐	6 7 7
+ 1 4 ☐	+ 2 ☐ 2	− ☐ 6 2	− 5 2 7	− 4 ☐ 2
8 6 6	1 1 5 8	4 2 5	3 3 1	2 3 5

c) Find the equivalent fractions for

i) $\frac{1}{2} = \frac{}{4}$ ii) $\frac{3}{5} = \frac{}{10}$ iii) $\frac{6}{10} = \frac{}{5}$ iv) $\frac{4}{12} = \frac{}{3}$ v) $\frac{2}{7} = \frac{}{21}$

d) Emily is buying pens for school. The local store has packs of 3 pens for $1.99 and packs of 10 pens for $5.29. Which is the better buy?

_____

Explain Your Answer _____
_____

Writing Numbers, Pattern Table, Pattern Chart

a) What is the correct way to write the number _____ in words?

_____

b) A pattern that increases when the same amount is added to each term is represented as follows:

Pattern Table	
Term Number	Term Value
1	
2	
3	
4	
5	

Which is the term number when the term value is _____?

c) Circle the number that is ____ more. Continue the pattern of adding ____ more.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

NAME: _____

Task Sheet 10

10a) Carley did a survey of the students in her class and found that 60% thought that the food served in the cafeteria wasn't healthy enough. Which of the following fractions is equivalent to 60%? (Circle) the correct answer.

i) $^3/_5$ ii) $^6/_5$ iii) $^2/_3$ iv) $^3/_6$

b) What fraction of the vehicles above are cars? ___/___

c) What is an equivalent fraction?

i) $^1/_2$ ii) $^2/_5$ iii) $^3/_5$ iv) $^1/_4$

d) Two ice cream cakes are served at the winter carnival. Each cake is cut into 8 pieces. The carnival queen took note of how many pieces of cake each of her princesses ate and recorded the data below.

Name	Princess #1	Princess #2	Princess #3	Princess #4	Princess #5	Princess #6
Pieces Eaten	1	3	2	2	4	3

How many ice cream cakes were eaten in total? Express your answer as a fraction.

Answer: _____

Show Your Work _____

_____

EASY MARKING ANSWER KEY

10.

a) i) $^3/_5$

b) $^4/_{10}$

c) $^2/_5$

d) 1 and $^7/_8$ or $^{15}/_8$

18

11.

a) i) 10

b) ii) $^1/_5$

c) iv) $^1/_4$

19

12.

a) 18 red, 9 blue, 6 green, 3 orange

b) Maggie's Mart

20

13.

a) Answers will vary. i.e. 9+7=16; 9-7=2

b) i) 8 ii) 4 iii) 2

c) iii) $^1/_5$

21

14.

a) iv) $^3/_{11}$

b) i) $^8/_{11}$

c) i) 77 days

d) ii) $^1/_4$

e) iii) $^4/_7$

f) i) $^1/_8$

22