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## 6 BONUS Activity Pages! Additional worksheets for your students

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- Enter item CC3112
- Enter pass code CC3112D for Activity Pages.



## Task Sheet 1

1a) The grade 7 class at Whitmore School is planning a Fair Day - Fun-Raiser for the last day of school this month. They calculate the cost of supplies for the day will be $\$ 250.00$. Tickets will be sold at $\$ 3.00$. Complete the following chart to show how much profit they might make - based on the number of tickets sold. (The profit is based on the number of tickets sold minus the cost of supplies.)

b) Provide the missing labels on the graph, then plot the data from the above chart. (For the Profit data, use $\$ 200$ increments)


## Number of tickets sold

c)

Another money-making activity they have planned for the Fair is the Dunk Tank. They are hoping to raise at least $\$ 200.00$ by having the students pay to dunk the viceprincipal. If the rental of the tank is $\$ 150.00$, and they charge $\$ 2.00$ per participant, how many students will have to participate in order for them to raise $\$ 200.00$ profit?

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## Task Sheet 8

8a) Jill recently bought a membership at a local fitness club. During her first week of membership, Jill went to the club every day, spending the following amounts of time (in minutes) there:

- 70, 40, 15, 30, 20, 35, 40

Calculate the mean, the median and the mode.


Mecian:

b) Jill found that she enjoyed exercising on the treadmill more than any other piece of equipment. If she spent $\mathbf{4 0 \%}$ of her time (in question a) above) on the treadmill, how many minutes did she spend on this piece of equipment? Answer =
c) One of Jill's friends also joined the fitness club. During the same week, she spent a total of $\mathbf{3 1 5}$ minutes at the club. It she missed going on Monday, how many minutes did she average day, for the remainder of days spent at the fitness club?
d) The chart on the right shows the fraction of Jill's total time spent on each piece of equipment at the fitness center during her second week. Convert these fractions into percentages.

|  | Fraction | Percent |
| :---: | :---: | :---: |
| Treadmill | $1 / 5$ |  |
| Bicycle | $1 / 10$ |  |
| Stepper | $1 / 4$ |  |
| Elliptical | $3 / 20$ |  |
| HypoCycloidal Trainer | $3 / 10$ |  |



Outfitting one's own private fitness room can be an expensive project. From a website such as http://www.ebay.com or a catalog, choose four pieces of fitness equipment for your personal gym. Beside each, note the retail price, then total your purchases for the overall cost.
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## Task Sheet 11

11a) A train ticket costs $\mathbf{\$ 6 5 . 0 0}$ plus $\mathbf{7 \%}$ state tax. Tamara bought a ticket using one \$50 bill and two \$10 bills. How

b) Mary Jo decided to plant a flower garden this summer. This is what the garden looked like:

c) If each of the flowers in b) is represented by - and each dozen flower seeds costs Mary Jo .75¢, how much did she pay for the seeds?

Answer: $\qquad$
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## Drill Sheet 1

1a) Which of the following fractions is not equivalent to ${ }^{15} / 45$ ?
i) $10 / 15$
ii) $1 / 3$
iii) $4 / 12$
iv) ${ }^{30} / 90$
b) The following pattern follows the following rule: double the previous number and add 3.
14, 31, 65, 133
What is the next number in this sequence?
i) 198
ii) 284
iii) 312
v) 26
Answer =
c) Compare the following numbers using either $>0$
$\begin{array}{lll}\text { i) } 2345 \_2335 & \text { ii) } 23.45 \_23.4 & \text { (iii) } 67234 \_67234.12\end{array}$
iv) $0.190 \_0.20$
d) What is the number 10000 before:

e) Reduce the following to their simplest forms:
i) $3 / 15$
ii) $9 / 27$
jiii) $2 / 15$
iv) $90 / 100$
v) $75 / 125$
f) By which number is the pattern decreasing?

654345 , 653 345, 652345,
i) 100000
i) 10000
iii) 1000
iv) 100
Answer =
g) Which number is closest to $\mathbf{1} \mathbf{0 0 0} \mathbf{0 0 0}$
i) 978764
ii) 1654231
iii) 1024121
iv) 978745 Answer =

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## Drill Sheet 2

2a) Which of the following is not a pattern in which a constant is added or subtracted?
i) $50,45,40,35,30$
ii) $15,17,19,21,23$
iii) $6,10,14,18,22$
iv) $42,40,38,26,34$
b) i) $989099+1=$ $\qquad$
iii) $234.3+0.01=$ $\qquad$
ii) 23
c) i) $^{5^{2}}=$
ii) $12^{2}=$
iii) $3^{3}=$
$+$

d) Divisor = 7, Quotient =40, Remainder $=\mathbf{2}$. What is the dividend?
i) 282
ii) 287
iv) 28
e) What answer will have a remainder?
i) $649 / 8$
ii) $490 / 7$
iii) $242 / 2$
iv) $663 / 3$
f) The population of Mexico is closest to the following number:
i) 11000
ii) 11000000
iii) 110000000
iv) 11000000000
g) What is the value of this expression
$-1+23 / 100$
i) $-77 / 100$
ii) $-23 / 100$
iii) - 123/100
iv) $-23 / 10$
h) What is the missing number in the following pattern below?

215, 208, 201, __ 187
Answer =

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(23)

NAME:


## Review B

a) Calculate the mean, mode and median for the following list of numbers

- $234,298,125,345,745,125,541$

b) Place $\mathbf{a}<$ or $>$ sign between each pair of fractions to indicate which is greater. $\begin{array}{lllll}\text { i) } 5 / 8-7 / 8 & \text { ii) } 2 / 3-5 / 8 & \text { iii) } 1 / 3-3 / 8 & \text { (1y) }{ }^{1 / 2}-5 / 8 & \text { v) } 3 / 6-3 / 7\end{array}$
C) Replace each blank with the correct digit.
$\begin{array}{ll}\text { i) } 21-341+8567=218908 & \text { ii) } 23.074-12.1-1=10.353\end{array}$
iii) $9.2 \times 6 . \ldots=58.88$
d) Mrs. Wormstead baked a batch of chocolate chip cookies. Each batch has a total of 15 cookies. Mrs. Wormstead's son, Steadfast, came home and ate 1/3 of this batch. If she then baked three moje batches, what is the total number of cookies that Mrs. Wormstead has?
i) 40
ii) 55
iv) 45
e) Meredith finishes a race in 39.761 seconds. Her friend Amanda also ran in the same race. We know the following about Amanda's results:
- The number in the thousandths column is twice that of Meredith's
- The digit in the ens column was six more than Meredith's
- The number in the fenths column was five less than Meredith's

What is Amanda's time?
Answer $=\longrightarrow$
f) The following numbers are written in expanded form. Rewrite them in standard i) $4 \times 10^{3}+3 \times 10^{2}+5 \times 10=$
ii) $7 \times 10^{3}+8 \times 10^{2}+2 \times 10=$

## Review A

a) For the following picture, write as many multiplication and division sentences that

b) For each sentence below, write $\mathbf{7}$ more related sentences (use the same numbers).
i) $4 \times 7=28$

c) There are 15 people in ofroom. 6 people are wearing socks, 4 people are wearing shoes, and 3 people are wearing both. How many people are in bare feet?


Answer:
d) The Revolution Period around the Sun for Earth takes $\mathbf{3 6 5}$ days. If it takes Venus only. 62 of this time, approximately how many days is the Revolution Period for the planet Venus?
i) 226 days
ii) 246 days
iii) 198 days
iv) 302 days
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a) Round off the following numbers to the nearest hundredith.
c) What is the number $\mathbf{1 0} 000$ before:
d) By which number is the pattern decreasing?

e) Reduce the following fractions to their simplest forms.

f) Circle either < or > to indicate which number is larger in each of the following pairs.

ii) $\square$ iii) $\square$
$\qquad$

## Task Sheet 10

10a) Amanda's parents have given her the green light for getting a dog for her birthday. They have told her that she has to budget $\mathbf{\$ 1 0 0 0}$ for the dog and a doghouse. After doing quite a lot of research, she has narrowed her search to three breeds: Bichon Frise, French Bulldog, and an Irish Wolfhound. The following chart breaks down the cost for each dog plus the doghouse.


| Dog | Cost of Dog | Cost of Doghouse | Tax (15\%) | Total Cost |
| :---: | :---: | :---: | :---: | :---: |
| Bichon Frise | $\$ 600$ | $\$ 100$ |  |  |
| French Bulldog | $\$ 750$ | $\$ 150$ |  |  |
| Irish Wolfhound | $\$ 800$ | $\$ 175$ |  |  |

Complete the above chart by calculating the tax and totaling the cost for each dog. Which dog(s) come within Amanda's budget?

cost of food for these three breeds. Amanda speaks to the people at the local Kennel Club and is given the following figures for the possible cost of dog food for a month. Calculate the possible cost to Amanda for one year.

| Dog | Cost of Dog Food/Month | Cost/Year |
| :---: | :---: | :---: |
| Bichon Frise | $\$ 20$ |  |
| French Bulldog | $\$ 35$ |  |
| Irish Wolfhound | $\$ 60$ |  |

b) Bichon Frise $\$ 240.00$
French Bulldog $\$ 420.00$
Irish Wolfhound - $\$ 720.00$

