## Process Standards Rubric <br> Number and Operations

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## Task Sheet 7

7a) Jordan plays in his town's mixed soccer league. The ratio of boys to girls in the entire league is $\mathbf{2 1 : 1 4}$. What percent of the players are girls?
i) $25 \%$
ii) $50 \%$
iii) $40 \%$
iv) $20 \%$

b) On Jordan's own team, The Hornets, the ratio of boys to girls is 4:2. If there are $\mathbf{1 5}$ players on the team, how many are boys?

Answer = $\qquad$
c) Jesslyn has quite a sports card collection. When er cous visited, she gave them $1 / 4$ of her collection for 5 valuable roon ar s. Jessly $n$, has 65 cards. How many cards did she have before he cous $s$ ' sit?

Show your Work


Answer: $\qquad$
d) How many phoiturand planes are needed for the next section of this pattern?

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i) 3 phones, 2 planes
ii) 4 phones, 5 planes
iii) 2 phones, 3 planes
iv) 3 phones, 4 planes
e) Angie is going to the hardware store to buy some garden tools. While there, she buys a rake for $\$ \mathbf{1 2 . 3 5}$, a shovel for $\mathbf{\$ 1 6 . 7 5}$, and a hoe for $\$ 9.89$. How much was her bill?

Answer = $\qquad$

## 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) $989099+1=$ $\qquad$ ii) $23456+100=$ $\qquad$
iii) $234.3+0.01=$ $\qquad$
c)
i) $5^{2}=$ $\qquad$ ii) $12^{2}=$ $\qquad$ iii) $3^{3}=$

-) $28^{3}=$ $\qquad$
d) Divisor = 7, Quotient = 40, Remainc
i) 282
ii)

28
iv) 28
e) What answ will have ren inder?
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, $\qquad$ 187

Answer = $\qquad$

## Rounding, Ordering, Patterning, Fractions, Greater Than/Less Than

a) Round off the following numbers to the nearest hundredth.

## i)

ii)
iii)
b) List the following integers in order from least to greatest.

c) What is the number 10000 before:
d) By which numb-is the pair an acrasing?

e) Reduce the following fractions to their simplest forms.
i)
ii)
iii)
f) Circle either < or > to indicate which number is larger in each of the following pairs.
i)

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

