Process Standards Rubric

Number and Operations

Expectations Instructional programs from pre- kindergarten through grade 12 should enable all students to:	1	7	m	4	بر	Щ̈́ °	Exercise	r c is	se 9 10	11 6	. 12	13	14	15	Drill Sheet 1	Drill Sheet 2	A wsivsA	Review B	D waivaA
 build new mathematical knowledge through problem solving; solve problems that arise in mathematics and in other contexts; apply and adapt a variety of appropriate strategies to solve problems; monitor and reflect on the process of mathematical problem solving. 	1	5 5 7	7		>>>>	>>>>	<u> </u>	* * * * *	7 7 7 7		1111		>>>>	>>>>	> >	> >	>>>>	>>>>	1111
 recognize reasoning and proof as fundamental aspects of mathematics; make and investigate mathematical conjectures; develop and evaluate mathematical arguments and proofs; select and use various types of reasoning and methods of proof. 	1111		7 7		EE B	5 3 1	> >	,	, , ,		> >>	> >	> >	> >>	>	>	> > >	> >> >	> >> >
 organize and consolidate their mathematical thinking through communication; communicate their mathematical thinking coherently and clearly to peers, teachers, and others; analyze and evaluate the mathematical thinking and strategies of others; use the language of mathematics to express mathematical ideas precisely. 	>> >	> >	>>>>	> >	5 5 5 5						> > > >	<u> </u>	<i>>>></i>	<u> </u>	> >	> >	111	>> >>))))
recognize and use connections among mathematical ideas; understand how mathematical ideas interconnect and build on one another to produce a coherent whole; recognize and apply mathematics in contexts outside of mathematics.	111	> >	> > >	> > >	> > >	> > >						` `	> >	> >	> >	> >	`	> > >	> > >
 create and use representations to organize, record, and communicate mathematical ideas; select, apply, and translate among mathematical representations to solve problems; use representations to model and interpret physical, social, and mathematical phenomena. 	> > >	> > >	> > >	> > >	> > >	> > >	> > >	, , ,			> > >	> >	> > >	> > >	> > >	> > >	> > >	> > >	111



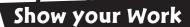


Task Sheet 13

13a) List the following rational numbers in order from least to greatest.

0.6 2.7 $2^{1}/_{2}$ 67%

 $^{3}/_{4}$



Answer:



b) List the following integers in order from least to greates

-4 -12

-26

17

Answer:

What number is halfway between C)



Answer:

d) One number in the following set is not equivalent to the others. Determine which number it is and explain why.

 $^{2}/_{5}$

40%

8/20

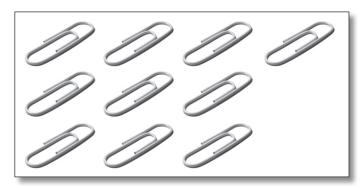
40.0



Answer:

Review A

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





Answer = __

b) For each sentence below, write 7 m (use the same numbers).

i) $4 \times 7 = 28$

Answer i) = __

Answer ii) =

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



Answer:

The Revolution Period around the Sun for Earth takes 365 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

Fractions, Rounding, Ordering, Greater Than/Less Than, Mean, Mode & Median

a)	Determine	e the following	ng mixed	fraction.			
b)	Round ea	ch of the fol	lowing nu	mbers to the r	nearest thousa	nd.	
	i)		ii)		iii)		
c)		er > or < be which is gree		e following pa	irs of fraction	or decimals to	0
	i)		ii)				
d)	Place eac	ch of the follo	owing n	thers in Irda	of size - from	greatest to lea	ast.
		C		14			
	L_						
e)	State the	mean, mode	e and med	dian for the fol	lowing five nu	mbers.	
	Mean:						
	Mode:						
	Median:						