

4a. Order whole number $< 10,000$.

The chart below shows how the students at Polygon Public Elementary School voted:

Favorite New Crayon Color	Number of Votes
Dandelion	286
Jungle Green	315
Royal Purple	229
Wild Strawberry	247

If the colors were written in order from LEAST to GREATEST number of votes, which color would be written last?

- Dandelion (286)
- Jungle Green (315)
- Royal Purple (229)
- Wild Strawberry (247)

OR GREATEST TO LEAST

Obj. 4a (Continued)

The table below shows the population of four Connecticut towns in 1998.

TOWN	POPULATION
Weston	8846
Redding	8167
Hebron	8043
Oxford	9279

Which list below shows the four towns listed in order from GREATEST to LEAST population?

- Oxford, Hebron, Redding, Weston
- Hebron, Oxford, Weston, Redding
- Oxford, Weston, Redding, Hebron
- Redding, Weston, Oxford, Hebron

OTHER POSSIBLE QUESTIONS:

- If the four towns were listed in order of population by LEAST to GREATEST, which town would be listed third?
- which town would be listed second, etc.
- Which town's population was GREATER than Weston's?
- Which town had a population LESS than Redding?

STRAND 4: ORDER, MAGNITUDE, ROUNDING of NUMBERS

Objectives 4B

Describe the magnitude of 2- and 3-digit whole numbers.

Describe the magnitude of fractions, mixed numbers and decimals (tenths).

Teach:

Use the table below to answer questions 27 and 28.

MONEY SAVED	
PERSON	AMOUNT
Mel	\$62
Tom	\$38
Sam	\$67
Lee	\$57
Alex	\$41

27. Which 2 people both saved MORE than \$40.00 but LESS than \$60.00?

- Sam and Mel *(Both are over \$60)*
- Alex and Lee *(Alex = \$41
Lee = \$57)*
- Mel and Lee *(Lee is OK, but Mel is over \$60)*
- Alex and Tom *(Alex is OK, but Tom is under \$40)*

28. Who saved LESS than \$40.00?

- Lee *(\$57)*
- Sam *(\$68)*
- Tom *(\$39)*
- Alex *(\$41)*

Who saved \$10 less than Sam?

- Lee
- Mel
- Tom

Alex

Practice

Suzy wants a new pair of shoes. She has \$55 to spend. Which pair of shoes costs MORE than the money she has?



Jordan ran $\frac{9}{10}$ of a mile in five minutes. Which BEST describes this distance?

- A little less than $\frac{1}{2}$ a mile
- Almost 1 mile
- A little less than 2 miles
- Almost 3 miles

The table below shows the length of time five men walked on the moon. Use the table to answer question 45.

MEN	HOURS
Charles Conrad, Jr	$7\frac{1}{2}$
.	.

Neil Armstrong	$2\frac{1}{4}$
Alan Shepard	$9\frac{1}{3}$
Buzz” Aldrin	$2\frac{1}{4}$
David R. Scott	$19\frac{1}{8}$

Who walked on the moon for a SHORTER length of time than Neil Armstrong did?

- Charles Conrad, Jr.
- Neil Armstrong
- “Buzz” Aldrin
- David R. Scott

The chart shows how much rain fell during a four-day storm. Use the chart to answer the question below.

Rainfall on Four Days	
Days	Amount of Rain
Monday	0.4 inches
Tuesday	0.9 inches
Wednesday	0.5 inches
Thursday	0.2 inches

- Monday
- Tuesday
- Wednesday
- Thursday

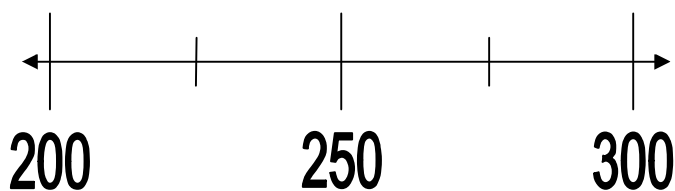
Diana shot 529 arrows into the air. This number is **closest** to

- 300
- 400
- 500
- 600

Amanda drove 278 miles from Washington, D.C. to Seattle, Washington. This number is **closest** to

- 250
- 260
- 270
- 280

Put a black line on the number line that best represents 258.



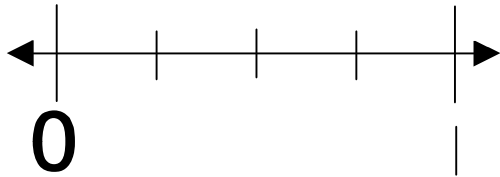
Practice with midpoints being given on some number lines.

Finding the middle of 25 numbers is useful. (Middle of 250 - 275 is about 262.)

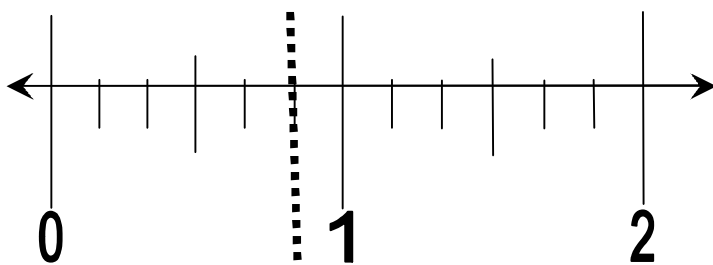
X is correct if it is between 253 and 261.

FRACTIONS:

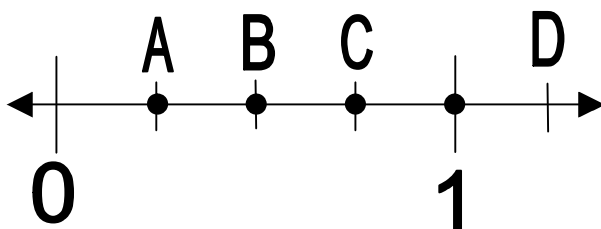
Draw a line through the number line to show $\frac{3}{4}$.



Which number is represented by the dotted line?



Which point on the number line shows $\frac{3}{4}$?



- A
- B
- C
- D

4d.

Vicki swims between $3\frac{3}{4}$ and $5\frac{1}{2}$ hours every week in her pool. Which could be the length of time she swam?

$3\frac{1}{4}$ hours

$3\frac{1}{2}$ hours

$5\frac{1}{4}$ hours

$5\frac{7}{8}$ hours

Show on number
line

Joyce buys $15\frac{9}{10}$ pounds of raw meat every week for her pet tiger. Which BEST describes this amount of meat?

A little less than 15 pounds

A little less than 16 pounds

A little more than 15 pounds

A little more than 16 pounds

The table below shows the counties with the highest percentage of young people under age 15.

COUNTRY	PERCENT OF YOUNG PEOPLE
Ethiopia	47.3
Uganda	50.8
Niger	47.9
Zambia	47.1

Which country has MORE young people than Zambia but FEWER than Niger?

- Ethiopia
- Uganda
- Niger
- Zambia

Ask other questions such as:

Which country is between Zambia and

Which country is between Ethiopia

(Niger)

Niger? (Ethiopia)
and Uganda?

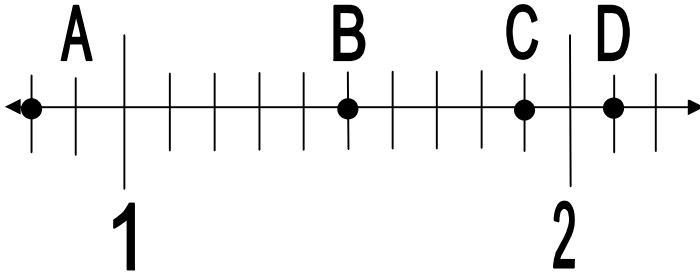
Gr 4 Gen 4 Obj 4

STRAND 4: ORDER, MAGNITUDE, ROUNDING of NUMBERS

4d (Continued)

DECIMALS:

Which decimal is marked by letter C?



- 1.5
- 0.8
- 2.1
- 1.9