

1-2 5-Minute Check

1. Find $\sqrt{25}$. To which set does the solution belong?
2. To which set(s) of numbers does $2/3$ belong?

Name the property shown:

3. $a+(4+c) = (a+4) +c$
4. $3(4 + 0.2) = 3(4) + 3(0.2)$
5. Simplify: $2c(3d) + c + 5cd + 3c^2$

5-MIN CHECK

1-2 5-Minute Check

1. Find $\sqrt{25}$. To which set does the solution belong? $\mathbb{S} \mathbb{R} \mathbb{Q} \mathbb{Z} \mathbb{W} \mathbb{N}$
2. To which set(s) of numbers does $2/3$ belong? $\mathbb{R} \mathbb{Q}$

Name the property shown:

3. $a+(4+c) = (a+4) +c$ *Associative*
4. $3(4 + 0.2) = 3(4) + 3(0.2)$ *Distributive*
5. Simplify: $2c(3d) + c + 5cd + 3c^2$
 $\underline{6cd} + c + \underline{5cd} + 3c^2$
 $11cd + c + 3c^2$

5 MIN CHECK SOLUTIONS

HW p17-18

20. 6.6 TRQ

22. 0.58 TRQ

24. -4 TR QZ

26. 31 TR QZWN

28. -39 TR QZ

30. 9 TR QZWN

32. F 1.5

34. F 1.5

36. T

38. Distributive

40. additive identity

42. Distributive

44. mult. identity

46. -8, $\frac{1}{8}$

48. 1.25, -0.8 or $-\frac{4}{5}$

50. $-\frac{5}{6}$, $\frac{6}{5}$

52. 3x

54. $4 + 10x$

56. $12 + 20a$

66. 14

67. F

HW solutions

1-3 Statistics

Measure of Central Tendency: A number that represents the center or the middle of a set of data

CENT TENDENCY

Types of measures of central tendency:

Mean- (average) sum of the data divided by the number of pieces of data

Mode- the most occurring piece of data (you may have more than one or no mode at all)

Median- middle piece of data when arranged in order

CENT TEND

Example 1:

Find the mean, median and mode of the prices of Jeans:

\$44.99	\$39.99	\$27.99	\$32.00
\$34.99	\$29.99	\$32.99	\$44.99
\$29.99	\$24.99	\$44.99	

24.99 27.99 29.99 29.99 32.00 32.99 34.99 39.99 39.99 44.99 44.99 44.99

$\text{mean} = \frac{\text{Total}}{\#} = \frac{387.90}{11} = \35.26

$\text{median} = \$32.99$

$\text{mode} = \$44.99$

EX 1

Example 2:

Find the mean, median and mode of Marissa's Test scores:

85%	92%	90%
85%	96%	92%

85 85 90 92 92 96

$\text{mean} = \frac{540}{6} = 90\%$

$\text{mode} = 85 \text{ and } 92$

$\text{median} = 91$

Get 92% what does she need on last test?

$92 \times 7 = 644 \text{ points}$

$\frac{644}{104} = 6.19$ Not possible

EX 2

Assignment:
p.23 #10-17
p.26 #30-32, 35

Show your work!