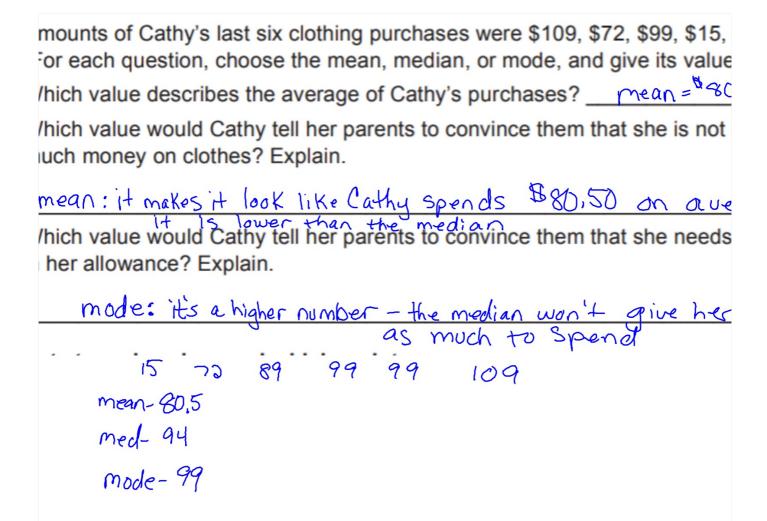
ta to make a box-and-whisker plot. 9. 210, 195, 350, 250, 260, 300 56, 24, 35, 37, 81, 63, 75 5 37 56 (43) 250 240 210 25 200 (50 100 45 55 85 50 ng times of two runners for several one-mile races, in minutes, are d-whisker plots. 109as the faster median time? Trice Jamal as the slowest time? Jama Fastost I, who is the faster runner? Explain. overall Tim rathe fastist time (minimum smaller than I's) and his slowest 5 e (at the naximum) was lower than



$$A = \begin{pmatrix} -5 \\ 2 \\ 4 \end{pmatrix} \mid B = \begin{pmatrix} 6 \\ 6 \end{pmatrix} \text{ and } C = \begin{pmatrix} 8 \\ 16 \\ 1 \end{pmatrix}$$

Show AABC is isosceles, calculate angle CAB

$$|\overrightarrow{AB}| = \sqrt{\frac{10}{4} - \frac{5}{2}} = \sqrt{\frac{11}{29}}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{10^{2} + (-2)^{2} + 2^{2}}{2}} = \sqrt{129}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{10^{2} + (-2)^{2} + 2^{2}}{2}} = \sqrt{129}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{10^{2} + (-2)^{2} + 2^{2}}{2}} = \sqrt{\frac{129}{29}}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{129}{2} + \frac{129}{2}} = \sqrt{\frac{129}{29}}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{129}{2} + \frac{129}{2}} = \sqrt{\frac{129}{29}} = \sqrt{\frac{129}{29}}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{129}{2} + \frac{129}{2}} = \sqrt{\frac{129}{29}} = \sqrt{\frac{129}{29}} = \sqrt{\frac{129}{29}}$$

$$|\overrightarrow{AB}| = \sqrt{\frac{129}{2} + \frac{129}{29}} = \sqrt{\frac{129}{29}} = \sqrt{\frac{129$$

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Cornell Notes	Topic/Object	ive: Unit vectors	Name:
X		Sixt (CC)OCS	Class/Period:
AVID	?		Date: 9/12/17
Essential Question	on: What	is a unit vector a	and how is it used?
	Ą		
Questions:	⁷ 0/	Notes: A unit vec	tor is a vector of
_		lenath 1 in	n the direction of a
0-7/		found by using the formula: a	
1			\ a' \
7/5	1	Ed Find the unit ,	vector in the same
1		direction a	s the vector 3c+4;
	117	•	5
	•	the vector 3i	+4; has length
Š		To Control of the Con	+48 = 125 = 5
		Thus, a rector	of length I in the direction
		٥٤ ع _{ل+4}	19 1 (31+41)-31,4
			3 3

Notes: A VECTOR OF LENGTH KIN THE DIRECTION	
OF à 15 FOUND BY USING THE FORMULA	
k ã	
12	
Ex) Find the vector of length 10.	
Ex) Find the vector of length 10. in the same direction as (3)	
32-1j has length 132+(-1)2 = 10	
10 32-1	
710	
10 10 (3)	
10 (-1)	
Tio /3/	
10 (-1)	