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Adding and Subtracting Rational Numbers

Help Jacob find the sum or the difference of:

- 1) $1.6 + 4.5$
- 2) $1.5 + 5.7 - 3.2$
- 3) $8/9 + 7/4$
- 4) $(-3/5) + (-4/9) + 8/5$
- 5) $60 + (-2.4)$
- 6) $5.7 + (-4.3)$



Compare the given rational numbers using $<$, $>$ or $=$ sign.

	A	B
7)	$38 \underline{\hspace{1cm}} 48$	$86 \underline{\hspace{1cm}} 82$
8)	$93 \underline{\hspace{1cm}} 73$	$76 \underline{\hspace{1cm}} 45$

9) Hannah's best ball throw is 18.6 meters, and Jenny's best is 19.47 meters. How much farther can Hannah throw the ball than Jenny?



10) Ashton is running a marathon that is 20 miles. He is running at a speed of 4 miles per hour. He has completed $\frac{3}{5}$ of the distance. How long will it take for Ashton to finish the marathon?

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in an interesting way,
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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	6.1
2)	4
3)	$\frac{95}{36}$
4)	$\frac{5}{9}$
5)	57.6
6)	1.4
7)	$A < B. <$
8)	$A > B. >$
9)	0.87 meters
10)	2 hours

FUN FACT

1. Pythagoras stated that all numbers were rational, but his student Hippasus proved that one cannot write the square root of 2 as a fraction making it irrational.
2. Rational numbers were discovered in the sixth century BC.
3. 0 is a rational number.

