



NAME _____ DATE _____

QUESTIONS ON REASONING

Problem solving questions by understanding.

- 1) Sharma says 6 tens + 200 is greater than 400. Murthy says 6 tens + 200 is less than 400 who is correct? give your answer with explanation?

$$6 \text{ tens} = \underline{\quad} \text{ hundreds.}$$

$$1 \text{ tens} = 10 \text{ ones}$$

$$6 \text{ tens} + 200 = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$10 \text{ tens} = 100 \text{ ones}$$

$$\therefore 800 \text{ greater than } 400.$$

$$\therefore 6 \text{ tens} + 200 \text{ is greater than } 400.$$

$$\therefore \text{Sharma is correct.}$$

- 2) William says 77 tens is greater than 800 david says 77 tens is less than 800. Who is correct give your answer with explanation?

$$77 \text{ tens} = \underline{\quad} \text{ tens} + 7 \text{ tens}$$

$$1 \text{ tens} = 10 \text{ ones}$$

$$= \underline{\quad} \text{ ones} + \underline{\quad} \text{ ones}$$

$$10 \text{ tens} = 100 \text{ ones}$$

$$= \underline{\quad} \text{ ones.}$$

$$\therefore 770 \underline{\quad} 800.$$

$$\therefore 77 \text{ tens} \underline{\quad} 800.$$

$$\therefore \text{David is correct.}$$

- 3) Ali says 60 tens is greater than 80 ones Rahim says 60 tens is less than 80 ones. Rahim says 60 tens is less than 80 ones. Who is correct? Give your answer with explanation?

$$60 \text{ tens} = \underline{\quad} \text{ ones}$$

$$1 \text{ tens} = 10 \text{ ones}$$

$$600 \text{ ones is } \underline{\quad} 80 \text{ ones.}$$

$$10 \text{ tens} = 100 \text{ ones}$$

$$600 \text{ greater than } 800 \text{ ones.}$$

$$\therefore 60 \text{ tens} \underline{\quad} 800 \text{ ones.}$$

$$\therefore \text{Ali is correct.}$$