



## ADDING NUMBERS WITHIN 10 000

Pete wants to jog from Town A to Town B, which is 8000 m away.



On Monday, he jogs 4000 m.

Every day after, he jogs half the distance he jogged the previous day.

Will Pete be able to reach Town B by Saturday?



## ANSWER TO

## ADDING NUMBERS WITHIN 10 000

Monday: 4000 m

Tuesday:  $4000 \text{ m} \div 2 = 2000 \text{ m}$

Wednesday:  $2000 \text{ m} \div 2 = 1000 \text{ m}$

Thursday:  $1000 \text{ m} \div 2 = 500 \text{ m}$

Friday:  $500 \text{ m} \div 2 = 250 \text{ m}$

Saturday:  $250 \text{ m} \div 2 = 125 \text{ m}$

$$(4000 + 2000 + 1000 + 500 + 250 + 125) \text{ m} \\ = 7875 \text{ m}$$

**Pete will not be able to reach Town B by Saturday.**