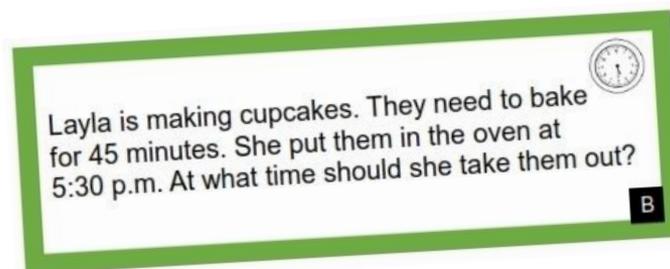


Word Problems: Time Intervals

Materials: Word Problems: Time Intervals cards

1. Work with a partner. Choose five word problems that you will both solve.
2. Solve the word problems independently. For each problem:
 - a) write an equation with a symbol for the unknown number
 - b) draw a number line to model the problem
 - c) answer the question in a complete sentence
3. After completing five problems share your work with a partner. Explain how you solved each problem using accurate mathematical vocabulary.
4. Repeat with another five problems from the set.



Word Problems: Time Intervals



I left school at 3:15 p.m. and arrived home 25 minutes later. What time did I arrive home?

A



Layla is making cupcakes. They need to bake for 45 minutes. She put them in the oven at 5:30 p.m. At what time should she take them out?

B



Bill left home at 3:20 p.m. to walk to his friend's house. It took him 23 minutes. What time did Bill arrive at his friend's house?

C



At 9:25 a.m. a teacher set a timer for 30 minutes quiet reading time. What time will it be when the timer rings?

D



Mrs. Jones left home at 6:45 a.m. and arrived at school at 7:23 a.m. How long did it take her to get to school?

E



John went to bed at 9:40 p.m. and got up at 7:00 a.m. How long did he sleep for?

F



Peter completed a bike ride 3 hours and 26 minutes after he started. He started the bike ride at 8:15 a.m. At what time did he finish?

G



On Saturday morning Peter began cutting the grass at 9:35 a.m. He finished at 10:43 a.m. How long did it take Peter to cut the grass?

H



After Ben had been at the park for 45 minutes he noticed that the time was 2:30 p.m. At what time did Ben arrive at the park?

I



Tess went to art class at 11:15 a.m. She painted for 25 minutes. She spent 30 minutes drawing with crayons. Then she ate lunch. At what time did Tess eat lunch?

J



When Lisa got home from school she did violin practice for 30 minutes. Then she read for 25 minutes. She finished reading at 4:45 p.m. At what time did Lisa get home from school?

K



Jack got on the train at 2:25 p.m. The train trip took 25 minutes. Next, Jack walked for 10 minutes to get home. At what time did Jack arrive home?

L

Nick gets out of school at 3:20 p.m. He has a 15 minute walk home. When he gets home he relaxes for 30 minutes, then spends 45 minutes doing homework. At what time does Nick finish his homework?



M

At art class Beth spent 45 minutes painting and 25 minutes drawing. She finished her art class at 6.30 p.m. At what time did Beth begin her art class?



N

As soon as Jacob got home from school he worked on his math project for 50 minutes. Then he studied for a test for 30 minutes. He finished at 5:45 p.m. At what time did Jacob get home from school?



O

Katie played her flute for 45 minutes, then ate a snack for 15 minutes. Next, she did homework for 30 minutes and finished at 6:00 p.m. At what time did Katie begin playing her flute?



P