Write equations for these problems

Jack is making more bean packets. He puts four beans in a packet. He then adds some more. Altogether he has eight beans. Eight is the same as four plus what?

 $\;+\;$? $\;=\;$ 8

Jack puts some beans in another packet. Then he puts in two more. Altogether the number in the packet now is nine. Nine is equal to what plus two?

? $\;+\;$ $\;=\;$ 9

Jack has two packets which each have the same number of beans in them. There are two light green and three dark green beans in one packet. What could be in the other packet?

$2 + 3$ $\;=\;$?

Jack has another two packets which each have the same number of beans in them. There are five light green and five dark green beans in one packet. What could be in the other packet?

$5 + 5$ $\;=\;$?

nzmaths.

Draw a picture and write an equation or equations.

A mouse nibbled a hole in the corner of a packet of **ten** beans. Some fell out. There were **seven** left. Seven is the same as ten minus what?

The mouse nibbled another hole leaving **eight** in the packet. **Two** had fallen out. How many were in the packet to start with?

Jack put a packet of **ten**, plus **four** light green and **three** dark green beans on one side of the balance scales. He put a packet of **ten** on the other side. What else could he have added to make the scales balance?

Draw a picture and write an equation or equations.

Jack put **sixteen** beans in each side of the scales. He took **three** light green and **three** dark green beans from one pan. He took **four** light green and **one** dark green bean from the other pan. Did the scales balance?
Show how you know.

Jack put **two** packets of **ten** beans in one pan on the balance scales. He puts one packet of **ten** in the other pan. Which of these could he also put in the other pan to make the scales balance?

7   8   2   3   5   1