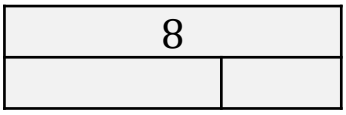
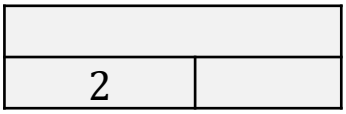
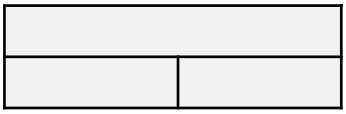
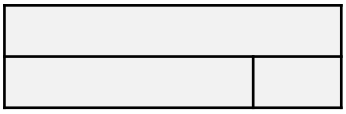
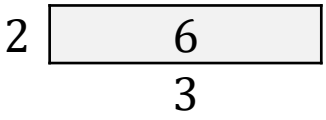
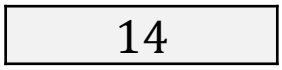
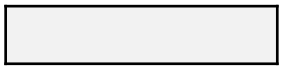
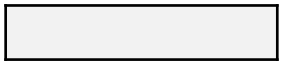
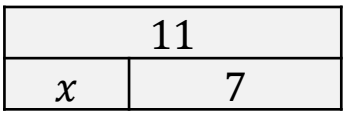
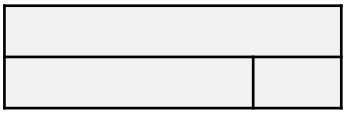
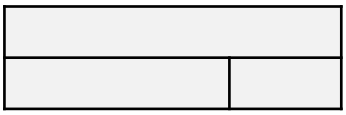
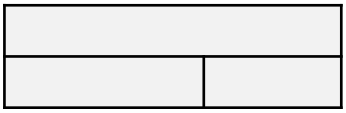
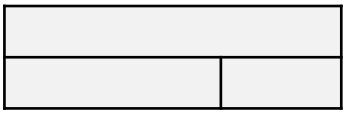
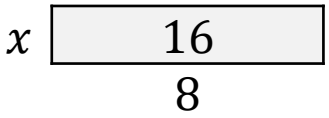
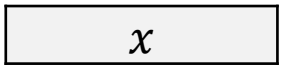
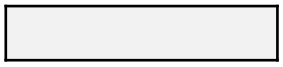
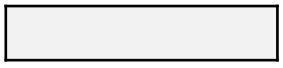
Fill in the gaps. Use the diagrams to help if needed.

	$1 = 5 - 4$	$4 = 5 - 1$	$5 = 1 + 4$
	$2 = 8 - 6$	$6 =$	$8 =$
	$3 = 1 + 2$	$1 =$	$2 =$
	$4 = 7.5 - 3.5$	$3.5 =$	$7.5 =$
	$5 = -2 + 7$	$2 =$	$7 =$
	$6 = 3 \times 2$	$2 = \frac{6}{3}$	$3 = \frac{6}{2}$
	$7 = \frac{14}{2}$	$2 =$	$14 =$
	$8 = 2 \times 4$	$2 =$	$4 =$
	$9 = \frac{27}{3}$	$3 =$	$27 =$
	$10 = 4 \times 2.5$	$4 =$	$2.5 =$

How many equivalent number equations can you find to $1 + 6 = 3 + 4$?

How many equivalent number equations can you find to $2 \times 6 = 3 \times 4$?

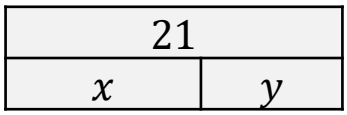
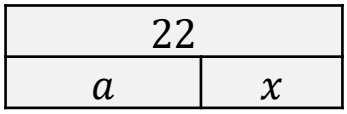
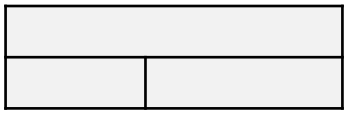
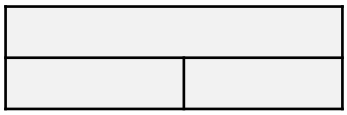
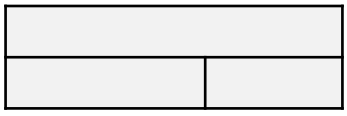
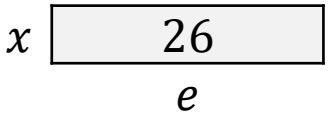
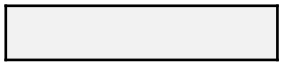
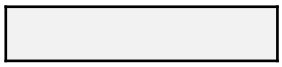
Fill in the gaps. Use the diagrams to help if needed.

	$11 = x + 7$	$7 = 11 - x$	$x = 11 - 7$
	$12 = 3 + x$	$3 =$	$x = 12 - 3$
	$13 = x - 5$	$5 =$	$x = 13 + 5$
	$14 = 20 - x$	$20 =$	$x = 20 - 14$
	$15 =$	$3 =$	$x = 15 - 3$
	$16 = 8x$	$8 = \frac{16}{x}$	$x = \frac{16}{8}$
	$17 = \frac{x}{2}$	$2 =$	$x = 2 \times 17$
	$18 = 3x$	$3 =$	$x =$
	$19 =$	$4 = \frac{x}{19}$	$x = 4 \times 19$
	$20 =$	$5 =$	$x = \frac{20}{5}$

How many equivalent equations can you find to $3 + x = 5 + 7$?

How many equivalent equations can you find to $4x = 2 \times 10$?

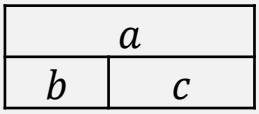
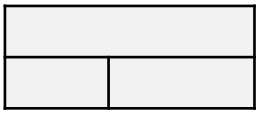
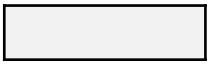
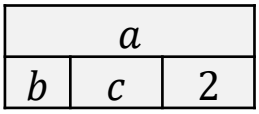
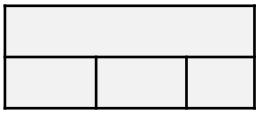
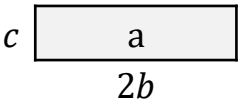
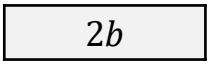
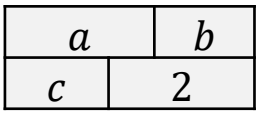
Fill in the gaps. Use the diagrams to help if needed.

	$21 = x + y$	$y = 21 - x$	$x = 21 - y$
	$22 = a + x$	$a = 22 -$	$x = 22 -$
	$23 = b - x$	$b = 23 +$	$x =$
	$24 =$	$c = 24 - x$	$x = 24 -$
	$25 = x - d$	$d =$	$x =$
	$26 = ex$	$e =$	$x =$
	$27 = \frac{f}{x}$	$f = 27$	$x =$
	$28 = \frac{x}{g}$	$g =$	$x = 28$
	$29 =$	$h = x - 29$	$x = 29 +$
	$30 =$	$i = 30$	$x = \frac{i}{30}$

How many equivalent formulae can you find to $6 + x = y - 2$?

How many equivalent formulae can you find to $4x = 3y$?

Fill in the gaps. Use the diagrams to help if needed.

31. 	$a = b + c$	$b = a - c$	$c = a - b$
32. 	$a = c - b$	$b =$	$c =$
33. 	$a = bc$	$b =$	$c =$
34. 	$a = \frac{b}{c}$	$b =$	$c =$
35.	$a =$	$b = a + c$	$c =$
36.	$a =$	$b = \frac{c}{a}$	$c =$
37. 	$a = b + c + 2$	$b = a - c - 2$	$c = a - b - 2$
38. 	$a = b - 2 - c$	$b =$	$c =$
39. 	$a = 2bc$	$b =$	$c =$
40. 	$a = \frac{2b}{c}$	$b =$	$c =$
41. 	$a = \frac{b}{2c}$	$b =$	$c =$
42.	$a =$	$b = \frac{2}{ac}$	$c =$
43. 	$a = c + 2 - b$	$b =$	$c =$
44.	$a = b + c - 2$	$b =$	$c =$
45.	$a = b + 2c$	$b =$	$c =$

Fill in the gaps.			
46.	$a = 2b - c$	$b = \frac{a+c}{2}$	$c = 2b - a$
47.	$a = 2(b - c)$	$b =$	$c =$
48.	$a = bc + 2$	$b =$	$c =$
49.	$a = 2b + 3c$	$b =$	$c =$
50.	$a = 2(b + 3c)$	$b =$	$c =$
51.	$a = b(c + 2)$	$b =$	$c =$
52.	$a = b + c + d$	$b =$	$c =$
53.	$a = b + cd$	$b =$	$c =$
54.	$a = bc + d$	$b =$	$c =$
55.	$a = b(c + d)$	$b =$	$c =$
56.	$a = b(2c + d)$	$b =$	$c =$
57.	$a = \frac{b+c}{2}$	$b =$	$c =$
58.	$a = \frac{b+2}{c}$	$b =$	$c =$
59.	$a = \frac{b+d^2}{c}$	$b =$	$c =$
60.	$a = -b - 2c$	$b =$	$c =$