Part (a)	Part (a)
$E = mc^2$	$E = mc^2$
Solve for $c$	Solve for $c$
Part (a)	Part (a)
$E = mc^2$	$E = mc^2$
Solve for $c$	Solve for $c$
Part (b)	Part (b)
$a = \frac{F}{m}$	$a = \frac{F}{m}$
Solve for m	Solve for m
Part (b)	Part (b)
$a = \frac{F}{m}$	$a = \frac{F}{m}$
Solve for <i>m</i>	Solve for m

Part (c)	Part (c)
-6 = -6(3x - 8)	-6 = -6(3x - 8)
Solve for x	Solve for <i>x</i>
Part (c)	Part (c)
-6 = -6(3x - 8)	-6 = -6(3x - 8)
Solve for <i>x</i>	Solve for <i>x</i>
Part (d)	Part (d)
3x + 6y = 24	3x + 6y = 24
Solve for y	Solve for y
Part (d)	Part (d)
3x + 6y = 24	3x + 6y = 24
Solve for y	Solve for y

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Part (e)	Part (e)
2 - 3(2x - 1) = 17	2 - 3(2x - 1) = 17
Solve for <i>x</i>	Solve for <i>x</i>
Part (e)	Part (e)
2 - 3(2x - 1) = 17	2 - 3(2x - 1) = 17
Solve for x	Solve for x
Part (f)	Part (f)
3-5y =3	3-5y =3
Solve for y	Solve for y
Part (f)	Part (f)
3-5y =3	3-5y =3
Solve for <i>y</i>	Solve for y

Part	(g)
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$$y = -3x + 4$$

Solve for *x* 

Part (g)

$$y = -3x + 4$$

Solve for *x* 

Part (g)

$$y = -3x + 4$$

Solve for *x* 

Part (g)

$$y = -3x + 4$$

Solve for *x* 

Part (h)

$$x(2x-1) = 2x^2 + 5x - 12$$
  $x(2x-1) = 2x^2 + 5x - 12$ 

Solve for *x* 

Part (h)

$$x(2x-1) = 2x^2 + 5x - 12$$

Solve for *x* 

Part (h)

$$x(2x-1) = 2x^2 + 5x - 12$$
  $x(2x-1) = 2x^2 + 5x - 12$ 

Solve for *x* 

Part (h)

$$x(2x-1) = 2x^2 + 5x - 12$$

Solve for *x* 

Part (i)

2(v-3) = 1 - (w+4)

Solve for w

Part (i)

2(v-3) = 1 - (w+4)

Solve for w

Part (i)

2(v-3) = 1 - (w+4)

Solve for w

Part (i)

2(v-3) = 1 - (w+4)

Solve for w

Part (j)

4x(x + 1) = (2x - 3)(2x + 5) 4x(x + 1) = (2x - 3)(2x + 5)

Solve for *x* 

Part (j)

Solve for *x* 

Part (j)

4x(x + 1) = (2x - 3)(2x + 5) 4x(x + 1) = (2x - 3)(2x + 5)

Solve for *x* 

Part (j)

Solve for *x*