Balancing Equations

I can balance equations.

a. 3 + ☐ = ☐ - 6

b. ☐ + 4 = 9 - ☐

c. 7 - ☐ = 3 + ☐

d. 9 - ☐ = ☐ + 2

e. ☐ + 4 = 2 + ☐

f. ☐ - 7 = 5 - ☐

g. 7 - ☐ = ☐ + 1

h. ☐ + 2 = ☐ - 6

i. ☐ + 5 = ☐ - 3

j. 7 + ☐ = ☐ + 3

k. ☐ + 3 = 8 - ☐

l. ☐ - 6 = 8 - ☐

m. 9 - ☐ = 7 - ☐

n. 1 + ☐ = ☐ + 4

o. 6 - ☐ = 3 + ☐

p. ☐ + 2 = 7 - ☐

Challenge
Write some of your own for a friend. Make sure you can find an answer.

Balancing Equations

I can balance equations.

a. ☐ - 45 = 13 + ☐

b. 87 - ☐ = ☐ + 33

c. ☐ + 39 = 61 - ☐

d. 34 + ☐ = ☐ + 26

e. 27 + ☐ = 82 - ☐

f. ☐ - 73 = 12 + ☐

g. 88 - ☐ = ☐ + 65

h. ☐ - 34 = 92 - ☐

i. 72 - ☐ = ☐ - 27

j. 72 - ☐ = ☐ - 28

k. ☐ + 26 = 76 - ☐

l. 67 - ☐ = 21 + ☐

m. ☐ + 45 = 32 + ☐

n. 72 - ☐ = 21 + ☐

o. 38 + ☐ = ☐ - 19

p. 27 + ☐ = 96 - ☐

q. ☐ - 59 = ☐ - 83

Balancing Equations

I can balance equations.

r. 43 + ☐ = 71 + ☐

s. 82 − ☐ = 28 + ☐

t. ☐ − 47 = ☐ + 38

u. 29 + ☐ = 71 − ☐

v. 32 + ☐ = 88 − ☐

w. 55 − ☐ = 16 + ☐

x. ☐ − 23 = ☐ + 49

y. 90 − ☐ = 24 + ☐

z. ☐ + 32 = 98 − ☐

Challenge

☐ + ☐ = ☐ − ☐

☐ − ☐ = ☐ − ☐

☐ + ☐ = ☐ + ☐

☐ − ☐ = ☐ + ☐

Balancing Equations

I can balance equations.

a. $\boxed{}$ - 342 = $\boxed{}$ + 221

b. 781 - $\boxed{}$ = $\boxed{}$ = 503

c. $\boxed{}$ + 118 = 675 - $\boxed{}$

d. $\boxed{}$ - 452 = 287 + $\boxed{}$

e. 735 - $\boxed{}$ = 539 - $\boxed{}$

f. $\boxed{}$ + 418 = 845 - $\boxed{}$

g. 824 - $\boxed{}$ = $\boxed{}$ + 219

h. $\boxed{}$ - 285 = 892 - $\boxed{}$

i. $\boxed{}$ + 624 = 295 + $\boxed{}$

j. 989 - $\boxed{}$ = 282 + $\boxed{}$

k. 341 - $\boxed{}$ = $\boxed{}$ + 176

l. $\boxed{}$ + 782 = 468 + $\boxed{}$

m. 623 + $\boxed{}$ = $\boxed{}$ + 197

n. 806 - $\boxed{}$ = 573 - $\boxed{}$

o. 608 - $\boxed{}$ = 735 - $\boxed{}$

p. $\boxed{}$ + 371 = 835 - $\boxed{}$

q. 624 + $\boxed{}$ = 918 - $\boxed{}$

Balancing Equations

I can balance equations.

r. ☐ - 725 = ☐ - 279

s. 317 + ☐ = 892 - ☐

t. 298 + ☐ = ☐ + 509

u. ☐ - 451 = 628 - ☐

v. 197 + ☐ = ☐ + 451

w. ☐ - 310 = 734 - ☐

x. 189 + ☐ = 726 - ☐

y. 721 - ☐ = 292 + ☐

z. ☐ + 270 = 925 - ☐

Challenge

Use the numbers 291 and 707 to write some balancing equations for a friend. Make sure answers do not need negative numbers.

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☐ ☐ ☐ ☐

☐ ☐ ☐ ☐

Balancing Equations Answers

Example answers include:

a. 3 + **7** = **16** - 6

b. **2** + 4 = 9 - **3**

c. 7 - **2** = 3 + **2**

d. 9 - **2** = **5** + 2

e. **3** + 4 = 2 + **5**

f. **10** - 7 = 5 - **2**

g. 7 - **3** = **3** + 1

h. **2** + 2 = **10** - 6

i. **12** + 5 = **20** - 3

j. 7 + **4** = **8** + 3

k. **3** + 3 = 8 - **2**

l. **10** - 6 = 8 - **4**

m. 9 - **5** = 7 - **3**

n. 1 + **11** = **8** + 4

o. 6 - **1** = 3 + **2**

p. **4** + 2 = 7 - **1**

Balancing Equations Answers

Example answers include:

a. **65** - 45 = 13 + **7**

b. 87 - **37** = **17** + 33

c. **20** + 39 = 61 - **2**

d. 34 + **28** = **36** + 26

e. 27 + **23** = 82 - **32**

f. **105** - 73 = 12 + **20**

g. 88 - **8** = **15** + 65

h. **100** - 34 = 92 - **26**

i. 72 - **30** = **69** - 27

j. 72 - **50** = **50** - 28

k. **25** + 26 = 76 - **25**

l. 67 - **12** = 21 + **34**

m. **28** + 45 = 32 + **41**

n. 72 - **12** = 21 + **39**

o. 38 + **12** = **69** - 19

p. 27 + **30** = 96 - **39**

q. **100** - 59 = **124** - 83

Balancing Equations Answers

Example answers include:

r.   43 + **60** = 71 + **32**

_____

s.   82 - **41** = 28 + **13**

_____

t.   **100** - 47 = **15** + 38

_____

u.   29 + **13** = 71 - **29**

_____

v.   32 + **25** = 88 - **31**

_____

w.   55 - **14** = 16 + **25**

_____

x.   **100** - 23 = **28** + 49

_____

y.   90 - **18** = 24 + **48**

_____

z.   26 + **32** = 98 - **40**

Challenge
Pupil's own responses

Balancing Equations Answers

Example answers include:

a. **800** - 342 = **237** + 221

b. 781 - **130** = **1154** - 503

c. **250** + 118 = 675 - **307**

d. **1000** - 452 = 287 + **261**

e. 735 - **240** = 539 - **44**

f. **350** + 418 = 845 - **77**

g. 824 - **169** = **436** + 219

h. **600** - 285 = 892 - **577**

i. **422** + 624 = 295 + **751**

j. 989 - **356** = 282 + **351**

k. 341 - **92** = **73** + 176

l. **550** + 782 = 468 + **864**

m. 623 + **245** = **671** + 197

n. 806 - **436** = 573 - **203**

o. 608 - **165** = 735 - **292**

p. **428** + 317 = 835 - **90**

q. 624 + **137** = 918 - **157**

Balancing Equations Answers

Example answers include:

r.   **1000**   -   725   =   **554**   -   279

_____

s.   317   +   **324**   =   892   -   **251**

_____

t.   298   +   **684**   =   **473**   +   509

_____

u.   **1000**   -   451   =   628   -   **79**

_____

v.   197   +   **452**   =   **198**   +   451

_____

w.   **1000**   -   310   =   734   -   **44**

_____

x.   189   +   **266**   =   726   -   **271**

_____

y.   721   -   **352**   =   292   +   **77**

_____

z.   **625**   +   270   =   925   -   **30**

Challenge
Pupil's own responses