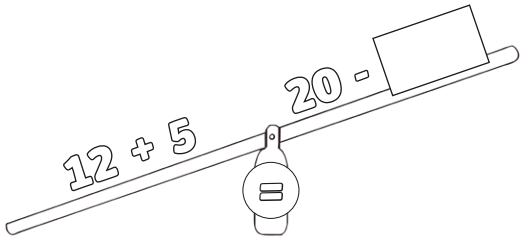
Equivalence

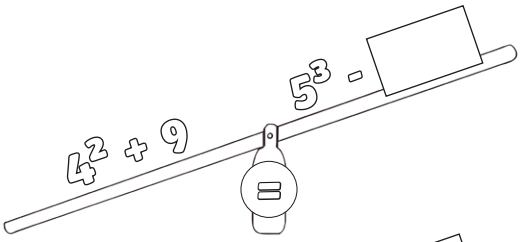
I can solve missing number problems to make the calculations on each side of the equals sign balance.

1) Find the missing number to make these see-saws balance:

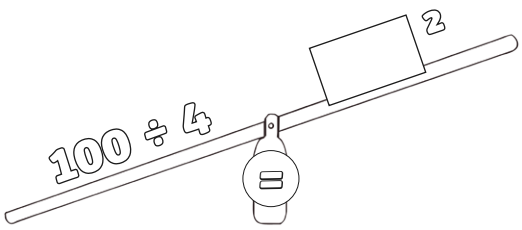
a)



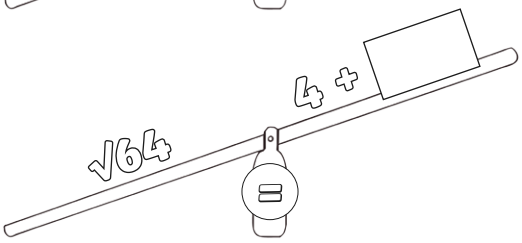
b)



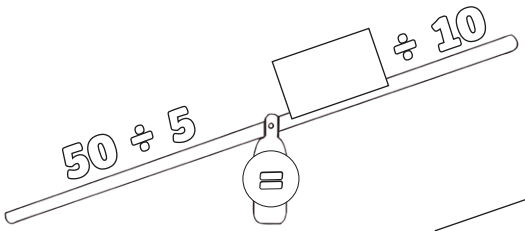
c)



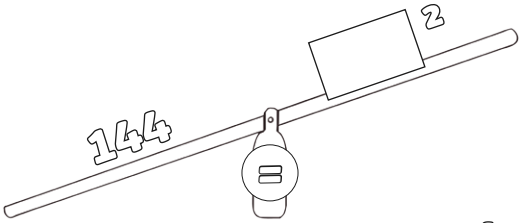
d)



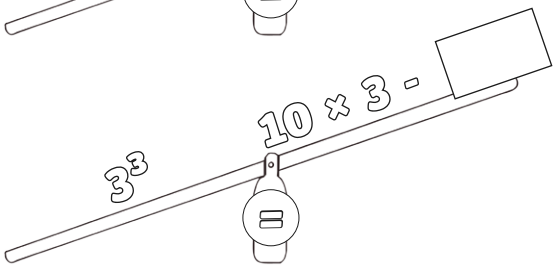
e)



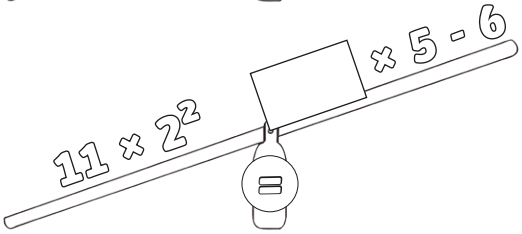
f)



g)



h)



2) Draw some of your own see-saws in the space below. Here is the right-hand side. You need to work out a calculation for the left-hand side that will make the see-saw balance.

a) 30

b) 5^3

c) 70 - 8

d) 56 + 24

Equivalence **Answers**

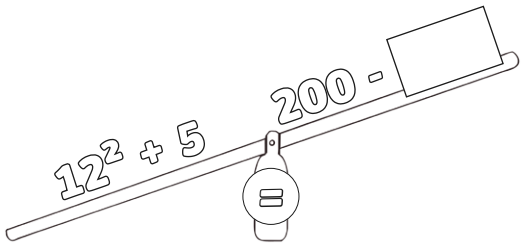
Question	Answer	
1.	Find the missing number to make these see-saws balance:	
	Left-Hand Side	Right-Hand Side
a	12 + 5	20 - ***3***
b	4^2 + 9	5^3 - ***100***
c	100 ÷ 4	***5***^{2}
d	√64	4 + ***4***
e	50 ÷ 5	***100*** ÷ 10
f	144	***12***^{2}
g	3^3	10 × 3 - ***3***
h	11 × 2^2	***10*** × 5 - 6
2.	Draw some of your own see-saws in the space below. Here is the right-hand side. You need to work out a calculation for the left-hand side that will make the see-saw balance.	
	Multiple answers possible.	

Equivalence

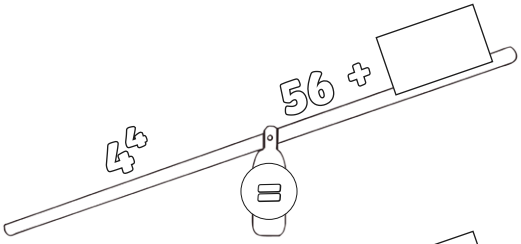
I can solve missing number problems to make the calculations on each side of the equals sign balance.

1) Find the missing number to make these see-saws balance:

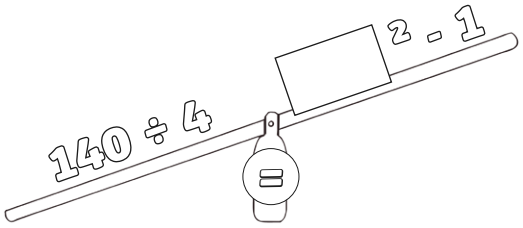
a)



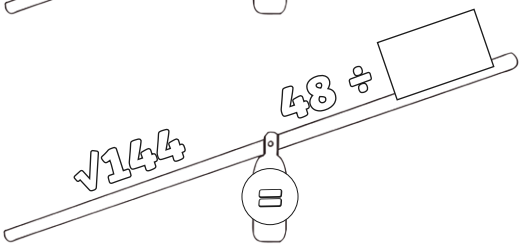
b)



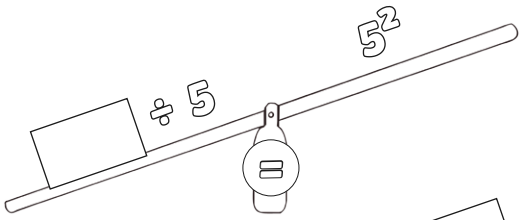
c)



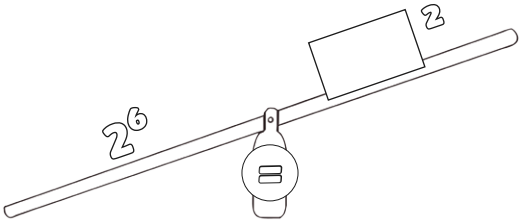
d)



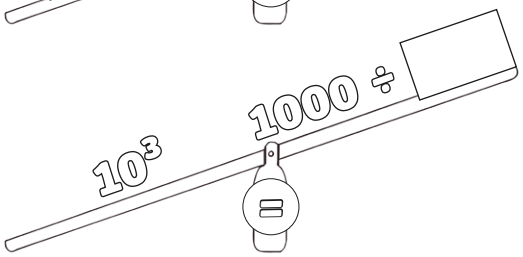
e)



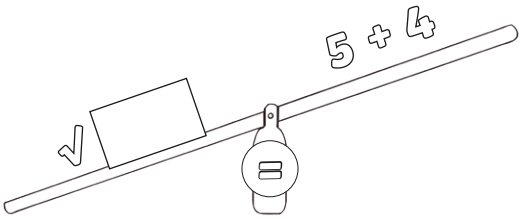
f)



g)



h)



2) Draw some of your own see-saws in the space below. Here is the right-hand side. You need to work out a calculation for the left-hand side that will make the see-saw balance. Try to use all four operations and square and cube numbers if you can!

a) 320

b) 6^3

c) 90 - 9

d) 56 + 150

Equivalence **Answers**

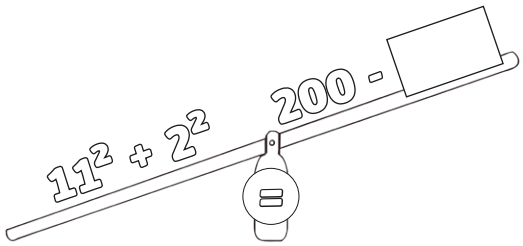
Question	Answer	
1.	Find the missing number to make these see-saws balance:	
	Left-Hand Side	Right-Hand Side
a	$12^2 + 5$	$200 - \mathbf{51}$
b	4^4	$56 + \mathbf{200}$
c	$140 \div 4$	$\mathbf{6}^2 - 1$
d	$\sqrt{144}$	$48 \div \mathbf{4}$
e	$\mathbf{125} \div 5$	5^2
f	2^6	$\mathbf{8}^2$
g	10^3	$1000 \div \mathbf{1}$
h	$\sqrt{\mathbf{81}}$	$5 + 4$
2.	Draw some of your own see-saws in the space below. Here is the right-hand side. You need to work out a calculation for the left-hand side that will make the see-saw balance. Try to use all four operations and square and cube numbers if you can!	
	Multiple answers possible.	

Equivalence

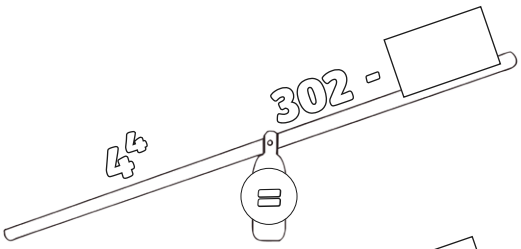
I can solve missing number problems to make the calculations on each side of the equals sign balance.

1) Find the missing number to make these see-saws balance:

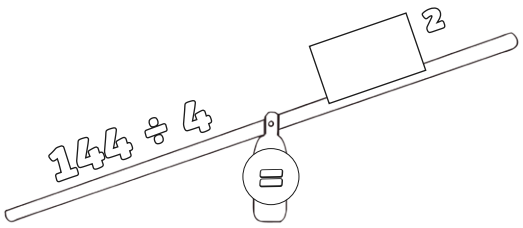
a)



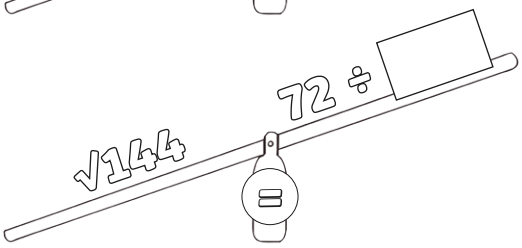
b)



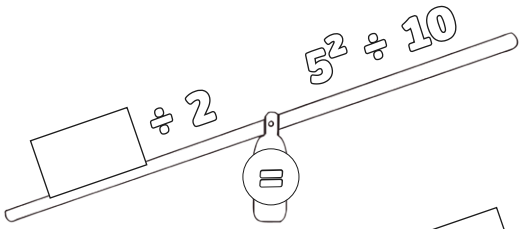
c)



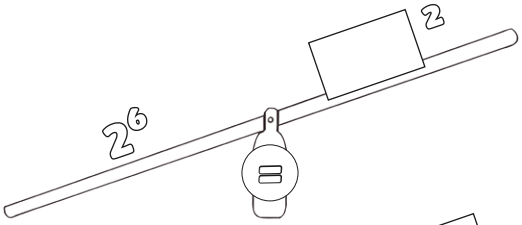
d)



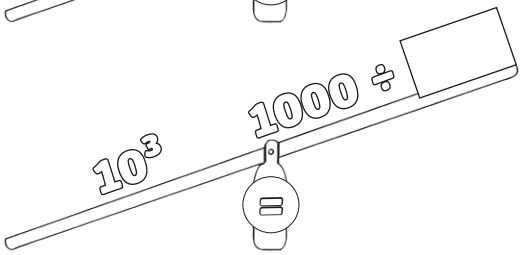
e)



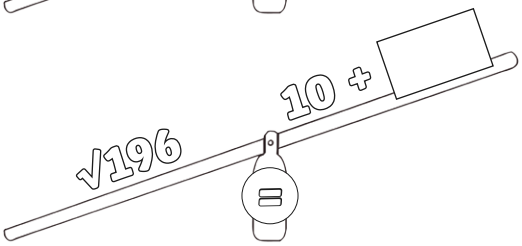
f)



g)



h)



2) Draw some of your own see-saws in the space below. Here is the right-hand side. You need to work out a calculation for the left-hand side that will make the see-saw balance. Try to use all four operations and square and cube numbers if you can!

a) 425

b) 6^4

c) 90 × 3

d) 72 - 14

Equivalence **Answers**

Question	Answer	
1.	Find the missing number to make these see-saws balance:	
	Left-Hand Side	Right-Hand Side
a	$11^2 + 2^2$	200 - ***75***
b	4^4	302 - ***46***
c	144 ÷ 4	6^2
d	√144	72 ÷ ***6***
e	***5*** ÷ 2	5^2 ÷ 10
f	2^6	8^2
g	10^3	1000 ÷ ***1***
h	√196	10 + ***4***
2.	Draw some of your own see-saws in the space below. Here is the right-hand side. You need to work out a calculation for the left-hand side that will make the see-saw balance. Try to use all four operations and square and cube numbers if you can!	
	Multiple answers possible.	