Understand the meaning of like and unlike terms

White Rose Maths

3

a) Circle the terms that are like 7*xy*.

3x 4y

b) Circle the terms that are like h^2 .



c) Circle the terms that are like 2p.



Dora has these expression cards.

2*x*

These are like terms because they all contain just the letter *x*.

What mistake has Dora made?

She happit looked at the powers.

Match the like terms.

3 <i>h</i>		7k
2k		3 <i>b</i> ²
11	\frown	5h
<i>b</i> ²		15
Зав		5 <i>ba</i>

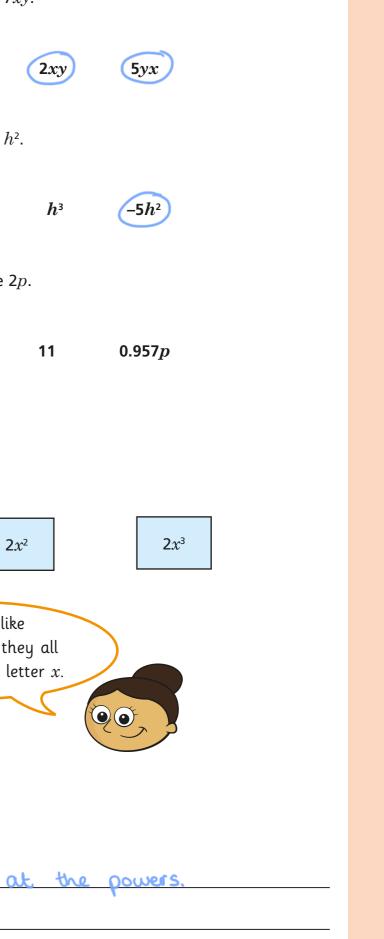
Unlike terms

 \checkmark



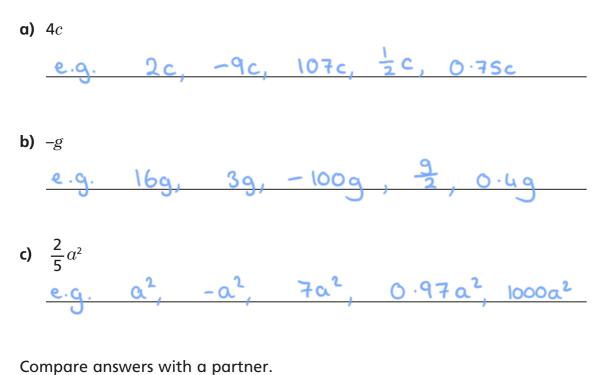
Tick to show whether the terms are like or unlike.

	Like terms
a) 3 <i>y</i> and 5 <i>y</i>	
b) 5 c and 5 d	
c) $3e$ and $3e^2$	
d) h and 246 h	
e) 246 and 246 <i>h</i>	
f) a^2 and b^2	
g) $5a^2$ and a^2	





Write five different like terms for each term.



How did you find like terms?

What was important? What was not important?

- X	
0	

Explain why these terms are like and unlike.

Like terms
14 h and 15 h
6 and –5
18 p and –8 p
c^2 and 20 c^2
7 ab and ba

Same variable and same powers.
 Unlike terms

 14h and 15g

 6x and -5

 -18p and -8

 c and 20c²

 7ab and 7a

Either not the same variable or not the same. powers.

7	-	essions into sets o sets as possible.	of like ter
	5	5 <i>y</i>	-5
	y^2	15	15 ₂
	у	5 <i>y</i> ²	p
Ę	y, 5y,	15y, -5y	
L	g,,		¢, –
8		o and $rac{1}{20} pr^{2}$ like ow you know.	terms?
	-	von ables	(p
		powers (
	Explain ye	4, $\frac{3}{5}$ and π like to our answer.	

terms.

