

Wednesday 1st July

Hello again Year 5,

We hope that you have been working hard at home as well as enjoying the sunny weather - especially last week.

Here are the activities for this week for you to follow and complete. In Maths we're continuing our work on decimal numbers. Our 'Doors' writing unit is now in its second week and we're building up to the final piece of writing next week. It's healthy eating again in PSHE, with a focus on sugar this week, and we have popped some art and puzzles in there too!

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take 'Accelerated Reader' quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#).

Take care and keep smiling,

Miss Savage, Mrs Montgomery and Mrs Graham

English Activity 3 - Modal verbs

Modal Verbs

might/might not

could/could not

would/would not

must/must not

may/may not

will/will not

ought/ought not

can/cannot

should/should not

shall/shall not

Modal verbs can have many uses. In most cases, they work with another verb to describe the possibility of something happening or to describe to what degree of certainty something is known.



The netball team might win the tournament.

Humpty Dumpty could fall off the wall.



Modal verbs can also express the obligation for someone to do something.



You must go and see the headteacher.

Modal verbs can also express an ability to perform the action of another verb.



I cannot play the ukulele yet but I am having lessons.

Yasmin can expertly dribble around defenders.

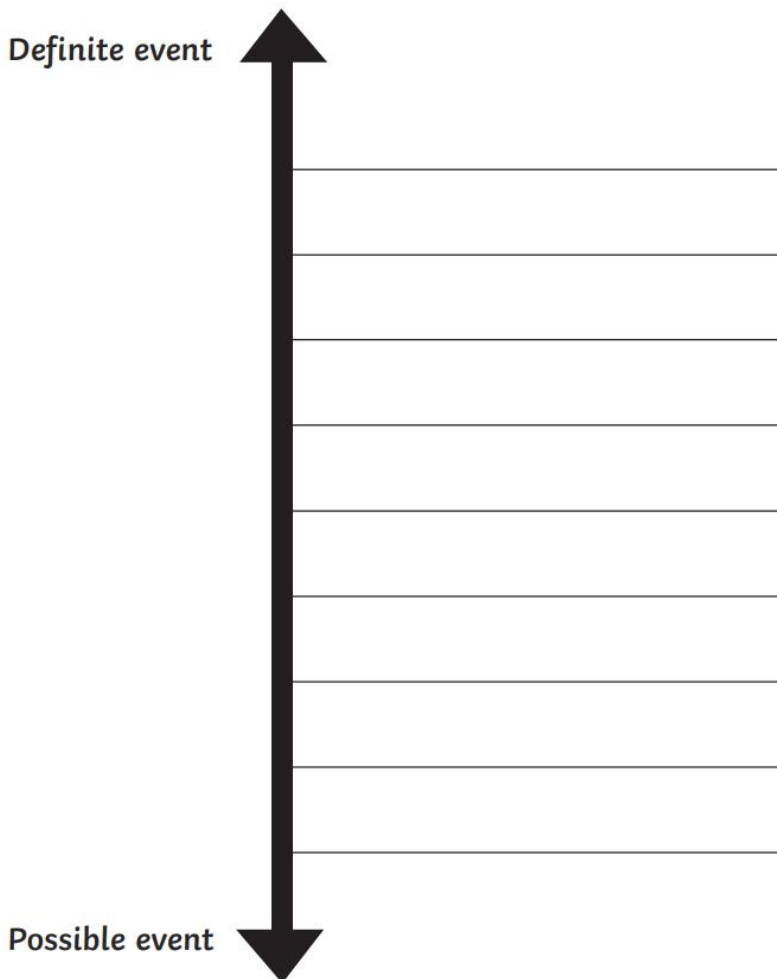


Modal Verbs

Modal verbs are used with other verbs to describe how likely something is to happen or to show how certain we are of something happening. For example:

One day the girl **might** be Queen.

The word 'might' is the modal verb. It indicates that the girl might be the Queen but it isn't definitely going to happen. Below is a list of modal verbs. Write the modal verbs onto the line below according to how strongly they suggest an event might happen.



Modal Verbs
may
ought to
could
should
must
will
would
might
can

Max Modal

Max Modal is struggling with his homework. He must identify which of the sentences below contain a modal verb. Help Max by ticking the sentences that contain a **modal verb**.



1. I like chocolate because it tastes nice.
2. My mum said we might go on holiday at half term.
3. The plane flew through the sky.
4. You must finish your work before break.
5. The special visitor will arrive later today.
6. After dinner, I finished my homework.

Now help Max by underlining the modal verb in each sentence below:

1. If she entered the competition, Nicole might win a prize.
2. It would have been great if we won the football match.
3. We will complete the activity if we work together.
4. Lexi's mum said that she should always try her best at school.
5. "Yes you may go to the toilet," the teacher said.
6. Dad thought that he ought to wash the car before going to grandma's house.
7. We could go to the zoo at the weekend or go bowling.

Negative Modals

Modal verbs can also be changed to their negative form. For example, **should** can be replaced with **should not**. Also, many negative modal verbs can be contracted, for example **should not** becomes **shouldn't** in its contracted form.

Complete the blanks in the table below to show **modal verbs** and their negative forms (including contractions). The first one has been done for you.

modal verb	negative form	contraction of negative Form
should	should not	shouldn't
	cannot	
		couldn't
		mayn't
	might not	
		won't
	would not	
must		
		shouldn't
ought to		

Negative Nancy

Nancy is a contrary young girl. She likes to say the opposite of what other people say to her. Below is a list of sentences that Nancy has heard during the day. Please write her reply by changing the modal verb in each sentence to its negative form. For example:



Hattie **can** do a handstand. (positive sentence)

Hattie **can't** do a handstand. (negative sentence)

1. Ffion can do column addition.

2. Connor could swim a full length of the pool.

3. It might rain later this evening.

4. You may go to the ball at the palace.

5. I will take more care next time.

6. Hristo would like to read a story after lunch.

7. We must get closer to see.

8. You should finish it before break time.

MATHS 10-4-10

1. Is this an isosceles, equilateral or scalene triangle?



2. Reduce thirty-nine thousand by three thousand.

3. What fraction of a day is 2 hours?

4. Jenny leaves the supermarket at 16:35. She was there for 50 minutes. What time did she arrive?

5. $346\text{cm} = \square \text{m}$

Remember - ten questions in ten minutes. If you find one tricky, just move on to the next and come back to any you have missed at the end.

6. Jamie bought a large chocolate bar for £2.99. He paid with a £5 note. How much change did he receive?

7. Imagine a 100 number square. What number is 2 squares to the right of 54?

8. $\frac{3}{4} \text{ kg} = \square \text{ g}$

9. What is the total of the even numbers?
76 95 42 101

10. $350 + \square = 1000$

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Maths Activity - Multiplying decimals by 10, 100 and 1,000

For today's lesson, use the following link to White Rose Maths Home Learning and watch the video for Summer Term: Week 9: Lesson 3: Multiplying decimals by 10, 100 and 1,000.

<https://whiterosemaths.com/homelearning/year-5/>

The video explains the concept in different ways; you can pause the video and complete questions on the sheet or in your homework books, or you may prefer to watch the whole video first before completing the sheet. If you feel you want to just go ahead and complete the sheet, then feel free to do so. You can then check your answers to see how you got on (answers are at the end of the presentation).

Again you should have a go at completing the questions you feel confident to. Remember, don't worry, just try your best.

Questions 1 - 3 ★

Questions 1 - 6 ★★

Questions 1 - 9 ★★★

Multiplying decimals by 10, 100 and 1,000

1 Complete the multiplications.

a)

H	T	O	Tths	Hths
		3	7	

$3.7 \times 10 = \square$

b)

H	T	O	Tths	Hths
	1	4	5	

$14.5 \times 10 = \square$

c)

H	T	O	Tths	Hths
		1	5	8

$1.58 \times 10 = \square$

d)

H	T	O	Tths	Hths
	1	3	0	6

$13.06 \times 10 = \square$

What do you notice when you multiply a number by 10?

2 Complete the multiplications.

a) $1.7 \times 10 = \square$

d) $13.4 \times 10 = \square$

b) $1.75 \times 10 = \square$

e) $10 \times 13.04 = \square$

c) $1.73 \times 10 = \square$

f) $130.4 \times 10 = \square$

3 Complete the multiplications.

a)

H	T	O	Tths	Hths
		4	1	

$4.1 \times 100 =$

b)

H	T	O	Tths	Hths
		4	1	5

$4.15 \times 100 =$

c)

H	T	O	Tths	Hths
	1	4	5	

$14.5 \times 100 =$

d)

H	T	O	Tths	Hths
		4	0	5

$4.05 \times 100 =$

What do you notice when you multiply a number by 100?

4 Complete the calculations.

a) $7.2 \times 100 =$

d) $1.89 \times 100 =$

b) $3.4 \times 100 =$

e) $73.57 \times 100 =$

c) $19.5 \times 100 =$

f) $1.317 \times 100 =$

- 5 Amir has multiplied 3.8 by 1,000



The answer is 3.8000

- a) What mistake has Amir made?

- b) Work out the correct answer.

$3.8 \times 1,000 = \boxed{}$

- 6 Complete the multiplications.

a) $4.7 \times 10 = \boxed{}$

c) $5.84 \times 10 = \boxed{}$

$4.7 \times 100 = \boxed{}$

$5.84 \times 100 = \boxed{}$

$4.7 \times 1,000 = \boxed{}$

$5.84 \times 1,000 = \boxed{}$

b) $19.3 \times 10 = \boxed{}$

d) $18.06 \times 10 = \boxed{}$

$19.3 \times 100 = \boxed{}$

$100 \times 18.06 = \boxed{}$

$1,000 \times 19.3 = \boxed{}$

$18.06 \times 1,000 = \boxed{}$

7 Complete the calculations.

a) $7.7 \times \square = 770$

e) $8.032 \times \square = 80.32$

b) $\square \times 10 = 1,950$

f) $\square \times 18.3 = 1,830$

c) $11.5 \times \square = 115$

g) $195.32 \times \square = 1,953.2$

d) $\square \times 11.5 = 11,500$

h) $\square \times 1,000 = 7,200$

8 Tommy is 1.4 m tall.

A tree is 10 times as tall as Tommy.

A building is 100 times as tall as Tommy.

a) How tall is the tree?

 m

b) How much taller is the building than the tree?

 m

9 Match the multiplications to the descriptions.

$\times 10 \times 10$

multiply by 10

$\times 10 \times 10 \times 10$

$\times 100 \times 10$

multiply by 100

$\times 10 \times 100$

$\times 10 \times 1$

multiply by 1,000

Active July Challenge

Challenge yourself and as many family members as you can to complete the Active July Challenge. There is an activity to do every day - at Bronze, Silver or Gold level - you choose!

There as an A4 copy on the next slide if you want to print it out.

Who will complete ALL of the challenges?

Active July!

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Let's get active in July! Try each of these activities with the people you're with!		1 Practise balancing on right leg: Bronze: 1 minute Silver: 2 minutes Gold: 3 minutes	2 Practise balancing on left leg: Bronze: 1 minute Silver: 2 minutes Gold: 3 minutes	3 See how many tuck jumps you can do in a row: Bronze: 10 jumps Silver: 20 jumps Gold: 30 jumps	4 Create your own circuit of exercises you've learned over the past few months!	5 Teach the people at home your circuit and see who impresses you most!
6 Do some burpees : Bronze: 10 burpees Silver: 15 burpees Gold: 20+ burpees	7 Practise throwing and catching with someone at home: Bronze: 20 catches Silver: 40 catches Gold: 60+ catches	8 Hopscotch until you need to stop Bronze: 30 seconds Silver: 45 seconds Gold: 2 minutes	9 Do some lunges in a minute: (remember to do both legs) Bronze: 10 lunges Silver: 20 seconds Gold: 30 seconds	10 Push ups! Bronze: 10 push ups Silver: 15 push ups Gold: 20+ push ups	11 Challenge yourself to learning some new yoga posts – watch a Youtube video to help.	12 Practise those yoga skills your learned and see if you can balance for longer than you did yesterday.
13 Try and do some crunches : Bronze: 10 crunches Silver: 20 crunches Gold: 30 crunches	14 Do some lunges on both legs: Bronze: 10 each leg Silver: 20 each leg Gold: 30 each leg	15 Step jumps – find a step and jump up and down on it safely: Bronze: 10 times Silver: 20 times Gold 40+ times	16 Squat – count how many squats you can safely do in a minute: Bronze: 10 squats Silver: 15 squats Gold: 20+ squats	17 Do some frog jumps : Bronze: 10 jumps Silver: 20 jumps Gold: 30 jumps	18 Go outside and be active with someone from your house. Go for a run or a walk!	19 Use your outdoor time to jump over things, balance along things and move in different ways.
20 Stand up/sit down in a minute : Bronze: 10 times Silver: 15 times Gold: 20+ times	21 Do some shuttle runs : Bronze: 15 runs Silver: 30 runs Gold: 50 runs	22 Practise leaping without stopping: Bronze: 10 leaps Silver: 25 leaps Gold: 40 leaps	23 Practice dribbling a ball: Bronze: 1 minute Silver: 2 minutes Gold: 5+ minutes	24 Toe touches – touch a ball with your toe for a min. Bronze: 10 times Silver: 20 times Gold: 30+ times	25 Find a song on Youtube to dance along to! See if you can dance so hard you get sweaty!	26 Ask someone at home to choose a song on Youtube to dance along to and have a dance party!
27 Try hurdling over something (or just jumping!): Bronze: 1 minute Silver: 3 minutes Gold: 5 minutes	28 Catch a ball with your OTHER hand: Bronze: 15 catches Silver: 25 catches Gold: 35 catches	29 Do some sit ups : Bronze: 10 sit ups Silver: 20 sit ups Gold: 40 sit ups	30 Do some star jumps : Bronze: 20 times Silver: 30 times Gold: 50 times	31 Have a jog around: Bronze: 5 minutes Silver: 10 minutes Gold: 15 minutes	Challenge yourself to get as many bronze/silver/golds as you can! Keep track and celebrate your achievements!	

Active July!

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
<p>Monday</p> <p>Let's get active in July! Try each of these activities with the people you're with!</p>	<p>Tuesday</p> <p>1 Practise balancing on right leg: Bronze: 1 minute Silver: 2 minutes Gold: 3 minutes</p> <p>2 Practise balancing on left leg: Bronze: 1 minute Silver: 2 minutes Gold: 3 minutes</p>	<p>Wednesday</p> <p>3 See how many tuck jumps you can do in a row: Bronze: 10 jumps Silver: 20 jumps Gold: 30 jumps</p>	<p>Thursday</p> <p>4 Create your own circuit of exercises you've learned over the past few months!</p>	<p>Friday</p> <p>5 Teach the people at home your circuit and see who impresses you most!</p>	<p>Saturday</p> <p>6 Do some burpees: Bronze: 10 burpees Silver: 15 burpees Gold: 20+ burpees</p>	<p>Sunday</p> <p>7 Practise throwing and catching with someone at home: Bronze: 20 catches Silver: 40 catches Gold: 60+ catches</p>
<p>6 Do some burpees: Bronze: 10 burpees Silver: 15 burpees Gold: 20+ burpees</p>	<p>7 Practise throwing and catching with someone at home: Bronze: 20 catches Silver: 40 catches Gold: 60+ catches</p>	<p>8 Hopscotch until you need to stop Bronze: 30 seconds Silver: 45 seconds Gold: 2 minutes</p>	<p>9 Do some lunges in a minute: (remember to do both legs) Bronze: 10 lunges Silver: 20 seconds Gold: 30 seconds</p>	<p>10 Push ups! Bronze: 10 push ups Silver: 15 push ups Gold: 20+ push ups</p>	<p>11 Challenge yourself to learning some new yoga posts – watch a Youtube video to help.</p>	<p>12 Practise those yoga skills you learned and see if you can balance for longer than you did yesterday.</p>
<p>13 Try and do some crunches: Bronze: 10 crunches Silver: 20 crunches Gold: 30 crunches</p>	<p>14 Do some lunges on both legs: Bronze: 10 each leg Silver: 20 each leg Gold: 30 each leg</p>	<p>15 Step jumps – find a step and jump up and down on it safely: Bronze: 10 times Silver: 20 times Gold 40+ times</p>	<p>16 Squat – count how many squats you can safely do in a minute: Bronze: 10 squats Silver: 15 squats Gold: 20+ squats</p>	<p>17 Do some frog jumps: Bronze: 10 jumps Silver: 20 jumps Gold: 30 jumps</p>	<p>18 Go outside and be active with someone from your house. Go for a run or a walk!</p>	<p>19 Use your outdoor time to jump over things, balance along things and move in different ways.</p>
<p>20 Stand up/sit down in a minute: Bronze: 10 times Silver: 15 times Gold: 20+ times</p>	<p>21 Do some shuttle runs: Bronze: 15 runs Silver: 30 runs Gold: 50 runs</p>	<p>22 Practise leaping without stopping: Bronze: 10 leaps Silver: 25 leaps Gold: 40 leaps</p>	<p>23 Practice dribbling a ball: Bronze: 1 minute Silver: 2 minutes Gold: 5+ minutes</p>	<p>24 Toe touches – touch a ball with your toe for a min. Bronze: 10 times Silver: 20 times Gold: 30+ times</p>	<p>25 Find a song on Youtube to dance along to! See if you can dance so hard you get sweaty!</p>	<p>26 Ask someone at home to choose a song on Youtube to dance along to and have a dance party!</p>
<p>27 Try hurdling over something (or just jumping!): Bronze: 1 minute Silver: 3 minutes Gold: 5 minutes</p>	<p>28 Catch a ball with your OTHER hand: Bronze: 15 catches Silver: 25 catches Gold: 35 catches</p>	<p>29 Do some sit ups: Bronze: 10 sit ups Silver: 20 sit ups Gold: 40 sit ups</p>	<p>30 Do some star jumps: Bronze: 20 times Silver: 30 times Gold: 50 times</p>	<p>31 Have a jog around: Bronze: 5 minutes Silver: 10 minutes Gold: 15 minutes</p>	<p>Challenge yourself to get as many bronze/silver/golds as you can! Keep track and celebrate your achievements!</p>	

ANSWERS

ANSWERS: English Activity 3 – Modal verbs

2. Modal verbs

Top 3 (any order) – will, can, must.

Middle 3 (any order) – would, should, ought to.

Bottom 3 (any order) – could, may, might.

3. Max Modal

1. I like chocolate because it tastes nice.
 2. My mum said we might go on holiday at half term. **Correct**
 3. The plane flew through the sky.
 4. You must finish your work before break. **Correct**
 5. The special visitor will arrive later today. **Correct**
 6. After dinner, I finished my homework.
-
1. If she entered the competition, Nicole **might** win a prize.
 2. It **would** have been great if we won the football match.
 3. We **will** complete the activity if we work together.
 4. Lexi's mum said that she **should** always try her best at school.
 5. "Yes you **may** go to the toilet," the teacher said.
 6. Dad thought that he **ought to** wash the car before going to grandma's house.
 7. We **could** go to the zoo at the weekend or go bowling.

ANSWERS: English Activity 3 - Modal verbs

4. Negative Models

modal verb	negative form	contraction of negative Form
should	should not	shouldn't
can	cannot	can't
could	could not	couldn't
may	may not	mayn't
might	might not	mightn't
will	will not	won't
would	would not	wouldn't
must	must not	mustn't
should	should not	shouldn't
ought to	ought not	oughtn't

5. Negative Nancy

1. Ffion can do column addition.

Ffion cannot/ can't do column addition.

2. Connor could swim a full length of the pool.

Connor could not/couldn't swim a full length of the pool.

3. It might rain later this evening.

It might not/mightn't rain later this evening.

4. You may go to the ball at the palace.

You may not/ mayn't go to the ball at the palace.

5. I will take more care next time.

I will not/won't take more care next time.

6. Hristo would like to read a story after lunch.

Hristo would not/wouldn't like to read a story after lunch.

7. We must get closer to see.

We must not/mustn't get closer to see.

8. You should finish it before break time.

You should not/shouldn't finish it before break.

ANSWERS: 10-4-10

1. Is this an isosceles, equilateral or scalene triangle?

scalene



2. Reduce thirty-nine thousand by three thousand. **36,000**

3. What fraction of a day is 2 hours? $\frac{1}{12}$

4. Jenny leaves the supermarket at 16:35. She was there for 50 minutes. What time did she arrive? **15:45**

5. $346\text{cm} = 3.46\text{m}$

6. Jamie bought a large chocolate bar for £2.99. He paid with a £5 note. How much change did he receive? **£2.01**

7. Imagine a 100 number square. What number is 2 squares to the right of 54? **56**

8. $\frac{3}{4}\text{ kg} = 750\text{g}$

9. What is the total of the even numbers?
 $76 + 42 = 118$

10. $350 + 650 = 1000$

11. $(345 - 236) - 9 = 100$

12. $50 \div 2 = 10 + 15$

ANSWERS: Multiplying decimals by 10, 100 and 1,000

1 Complete the multiplications.

a)

H	T	O	•	Tths	Hths
		3	•	7	

$$3.7 \times 10 = \boxed{37}$$

b)

H	T	O	•	Tths	Hths
	1	4	•	5	

$$14.5 \times 10 = \boxed{145}$$

c)

H	T	O	•	Tths	Hths
		1	•	5	8

$$1.58 \times 10 = \boxed{15.8}$$

d)

H	T	O	•	Tths	Hths
	1	3	•	0	6

$$13.06 \times 10 = \boxed{130.6}$$

What do you notice when you multiply a number by 10?

2 Complete the multiplications.

a) $1.7 \times 10 = \boxed{17}$

d) $13.4 \times 10 = \boxed{134}$

b) $1.75 \times 10 = \boxed{17.5}$

e) $10 \times 13.04 = \boxed{130.4}$

c) $1.73 \times 10 = \boxed{17.3}$

f) $130.4 \times 10 = \boxed{1,304}$

3 Complete the multiplications.

a)

H	T	O	Tths	Hths
		4	1	

$4.1 \times 100 = 410$

b)

H	T	O	Tths	Hths
		4	1	5

$4.15 \times 100 = 415$

c)

H	T	O	Tths	Hths
	1	4	5	

$14.5 \times 100 = 1,450$

d)

H	T	O	Tths	Hths
		4	0	5

$4.05 \times 100 = 405$

What do you notice when you multiply a number by 100?

4 Complete the calculations.

a) $7.2 \times 100 = 720$

d) $1.89 \times 100 = 189$

b) $3.4 \times 100 = 340$

e) $73.57 \times 100 = 7,357$

c) $19.5 \times 100 = 1,950$

f) $1.317 \times 100 = 131.7$

- 5 Amir has multiplied 3.8 by 1,000



The answer is 3.8000

- a) What mistake has Amir made?

He has just added zeros.

- b) Work out the correct answer.

$$3.8 \times 1,000 = \boxed{3,800}$$

- 6 Complete the multiplications.

a) $4.7 \times 10 = \boxed{47}$

c) $5.84 \times 10 = \boxed{58.4}$

$4.7 \times 100 = \boxed{470}$

$5.84 \times 100 = \boxed{584}$

$4.7 \times 1,000 = \boxed{4,700}$

$5.84 \times 1,000 = \boxed{5,840}$

b) $19.3 \times 10 = \boxed{193}$

d) $18.06 \times 10 = \boxed{180.6}$

$19.3 \times 100 = \boxed{1,930}$

$100 \times 18.06 = \boxed{1,806}$

$1,000 \times 19.3 = \boxed{19,300}$

$18.06 \times 1,000 = \boxed{18,060}$

How did you work out the answers? Talk to a partner.

7 Complete the calculations.

a) $7.7 \times \boxed{100} = 770$

e) $8.032 \times \boxed{10} = 80.32$

b) $\boxed{195} \times 10 = 1,950$

f) $\boxed{100} \times 18.3 = 1,830$

c) $11.5 \times \boxed{10} = 115$

g) $195.32 \times \boxed{10} = 1,953.2$

d) $\boxed{1,000} \times 11.5 = 11,500$

h) $\boxed{7.2} \times 1,000 = 7,200$

8 Tommy is 1.4 m tall.

A tree is 10 times as tall as Tommy.

A building is 100 times as tall as Tommy.

a) How tall is the tree?

$\boxed{14}$ m

b) How much taller is the building than the tree?

$\boxed{126}$ m

9 Match the multiplications to the descriptions.

$\times 10 \times 10$

$\times 10 \times 10 \times 10$

$\times 100 \times 10$

$\times 10 \times 100$

$\times 10 \times 1$

multiply by 10

multiply by 100

multiply by 1,000