

# Year 6 - Home Booklet 5

Monday

<p>Spelling</p>	<p>Write your spelling words in your book and discuss the meaning of the words with someone.</p> <p style="text-align: center;"><i>Spelling pattern: the graph /c/ making the sound 's' as in city. It is often followed by the letters /e/, /i/ or /y/.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%; text-align: center; color: red;">Red</th> <th style="width: 33%; text-align: center; color: orange;">Orange</th> <th style="width: 33%; text-align: center; color: green;">Green</th> </tr> </thead> <tbody> <tr> <td>city</td> <td>successful</td> <td>grocery</td> </tr> <tr> <td>recycling</td> <td>cancellation</td> <td>circumference</td> </tr> <tr> <td>centre</td> <td>policy</td> <td>circuit</td> </tr> <tr> <td>centimetre</td> <td>decide</td> <td>participate</td> </tr> <tr> <td>acidic</td> <td>citizen</td> <td>bicycle</td> </tr> <tr> <td>vacancy</td> <td>participate</td> <td>accessible</td> </tr> <tr> <td></td> <td></td> <td>circle</td> </tr> <tr> <td></td> <td></td> <td>Recycle</td> </tr> <tr> <td></td> <td></td> <td>circulate</td> </tr> </tbody> </table>	Red	Orange	Green	city	successful	grocery	recycling	cancellation	circumference	centre	policy	circuit	centimetre	decide	participate	acidic	citizen	bicycle	vacancy	participate	accessible			circle			Recycle			circulate
Red	Orange	Green																													
city	successful	grocery																													
recycling	cancellation	circumference																													
centre	policy	circuit																													
centimetre	decide	participate																													
acidic	citizen	bicycle																													
vacancy	participate	accessible																													
		circle																													
		Recycle																													
		circulate																													
<p>Sentence of the day</p>	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">SENTENCE OF THE DAY <span style="float: right;"><i>Week Five</i></span></p> <div style="background-color: #00FFFF; padding: 5px; text-align: center;"> <p><b>Learning Intention:</b> Write a complex sentence with a independent and dependent clause.</p> </div> <p>Complex sentences have:</p> <ul style="list-style-type: none"> <li>● At least one <u>independent clause</u> that stands alone (makes sense by itself)</li> <li>● One or more <u>dependent clauses</u> that do not stand alone (do not make sense on their own).</li> <li>● Must have at least two separate verb groups.</li> </ul> <p>For example:</p> <p style="text-align: center;"><u>The girls <b>played</b> cricket</u>                      <u>when the lessons <b>were</b> over.</u></p> <p style="text-align: center;">Independent clause    Dependent clause</p> </div> <p>Write a complex sentence with an independent and dependent clause. Prompt: Begin your sentence with 'When'</p> <ul style="list-style-type: none"> <li>● Mia weeding the garden</li> <li>● Dad mowing the lawn</li> </ul>																														
<p>Writing</p>	<p>Firefighters have played an important role in our society with the bushfires that occurred across Australia.</p> <p>Write a diary entry from a Firefighter during our Australian summer. Some ideas include what it's like being caught in a bushfire, how it feels being away from your family during Christmas, how you helped animals caught in the fire.</p>																														

Reading

Read for at least 20 mins a book of your choice.

Complete one of the following sentences about what you have just read:

**Question:** "I wonder if..." or "what if..."

**Connection:** "This reminds me of..."

**Opinion:** "I think..."

**Reaction:** "WOW, I didn't know that..."

Comprehension

Complete the following questions based on this picture



1. Have you ever been on a plane? If so, can you describe what it feels like?
2. If you have not, can you use your imagination to describe what it might be like?
3. Is there a mode of transport you would like to experience in the future?
4. How do you think the world was different before flying was invented?
5. How do you think transport will change in the future?

Problem Solving

Create a worded problem where the question and answer is  $\frac{1}{2} + \frac{3}{4} = 1 \frac{1}{4}$

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Maths

Write the heading "Subtraction of 4 and 5 digit numbers" and complete the following in your workbook.

**14** Subtraction of 4- and 5-digit numbers

**1** Complete the subtraction algorithms. In some cases you will have to fill in the empty boxes.

a  $\begin{array}{r} 5934 \\ - 4123 \\ \hline \end{array}$     b  $\begin{array}{r} 6784 \\ - 4582 \\ \hline \end{array}$     c  $\begin{array}{r} 4183 \\ - 3072 \\ \hline \end{array}$     d  $\begin{array}{r} 7228 \\ - 2148 \\ \hline \end{array}$     e  $\begin{array}{r} 4996 \\ - 3607 \\ \hline \end{array}$

f  $\begin{array}{r} 3408 \\ - 2761 \\ \hline \end{array}$     g  $\begin{array}{r} 9675 \\ - 2408 \\ \hline \end{array}$     h  $\begin{array}{r} 8796 \\ - 3567 \\ \hline \end{array}$     i  $\begin{array}{r} 7396 \\ - 3475 \\ \hline \end{array}$     j  $\begin{array}{r} 9595 \\ - 4132 \\ \hline \end{array}$

k  $\begin{array}{r} 4 \square \square 86 \\ - 26405 \\ \hline 174 \square \square \end{array}$     l  $\begin{array}{r} 6 \square \square 49 \\ - 33821 \\ \hline \square 36 \square \square \end{array}$     m  $\begin{array}{r} 55 \square 8 \square \\ - 23728 \\ \hline \square \square 554 \end{array}$     n  $\begin{array}{r} 7 \square 812 \\ - 54 \square 1 \square \\ \hline \square 3798 \end{array}$     o  $\begin{array}{r} 89446 \\ - 48 \square \square 1 \\ \hline \square \square 35 \square \end{array}$

**2** Solve the problems.

Problems	Working out
a A jar of jelly beans has a mass of 1.450 kg. If the jar's mass is 245 g, what is the mass of the jelly beans?	
b The distance between the 2 towns was 10.95 km. The new road took 3.58 km off the trip. What is the distance between the towns now?	
c 4800 L of water were stored in the tank. After irrigating the crop the level fell to 1358 L. How much water was used?	
d Eight thousand, two hundred and forty-three people attended the concert. If 3950 were adults, how many children attended?	
e The price of a television is \$1056 and the price of a DVD player is \$795. How much does Ms Tinalli have to pay if she has already paid \$185 as deposit?	
f On a full tank of petrol, our car travels an average of 440 km. The fuel gauge indicates I have used one quarter of a full tank. How many more kilometres can I travel before I need to refill?	
g The total cost of Annabel's holiday in Europe was \$9376. How much did she spend on air fares if the total amount spent on other expenses was \$5829?	

Science	<p>Don't forget to keep working on your bushfire plan from last week!</p> <p>Send a photo of your work through when you have completely finish!</p>
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## Tuesday

Spelling	Write 3-5 spelling words in a sentence in your book.
Sentence of the day	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">SENTENCE OF THE DAY <span style="float: right;"><i>Tuesday</i></span></p> <p><b>Learning Intention:</b> Write a complex sentence with an independent and dependent clause.</p> <p>Prompt: Use 'after' in the sentence</p> <ul style="list-style-type: none"> <li>● Mum bought bread</li> <li>● She parked the car</li> </ul> </div>
Writing	 <p>The boy made his way along the narrow, rickety bridge. Reaching the other side of the town was sometimes difficult, especially in a high wind.</p> <p style="text-align: center;"><u><i>If this if your sizzling start, can you write a story about the man who can perform magic?</i></u></p> <p>Create your planning page for this narrative. Draw you planning page in your book. (You will begin to write your narrative on Wednesday).</p>
Reading	Read for at least 20 mins a book of your choice
Comprehension	See attached comprehension pack 'Fossils". Complete comprehension questions in your workbook.
Problem Solving	<p>Ahmed showed this number on his calculator:</p> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; display: inline-block; margin: 5px;">542</div> <p>He changed it so that it became this number.</p> <div style="border: 1px solid gray; border-radius: 10px; padding: 5px; display: inline-block; margin: 5px;">502</div> <p>What did Ahmed do to change 542 to 502?</p> <ul style="list-style-type: none"> <li><input type="radio"/> added 4</li> <li><input type="radio"/> subtracted 4</li> <li><input type="radio"/> added 40</li> <li><input type="radio"/> subtracted 40</li> </ul>

Maths

Write the heading "Add and subtract fractions" and complete the following in your workbook.

**Add and subtract fractions** UNIT 15

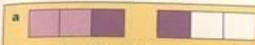
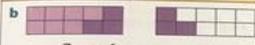
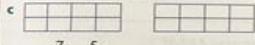
**5** Subtract the fractions.

a $\frac{11}{12} - \frac{4}{12} =$	f $\frac{7}{8} - \frac{4}{8} =$	k $\frac{3}{4} - \frac{1}{4} =$
b $\frac{9}{12} - \frac{6}{12} =$	g $\frac{11}{12} - \frac{7}{12} =$	l $\frac{9}{10} - \frac{7}{10} =$
c $\frac{10}{12} - \frac{7}{12} =$	h $\frac{9}{12} - \frac{5}{12} =$	m $\frac{5}{6} - \frac{4}{6} =$
d $\frac{9}{10} - \frac{3}{10} =$	i $\frac{7}{10} - \frac{6}{10} =$	n $\frac{8}{10} - \frac{4}{10} =$
e $\frac{8}{10} - \frac{5}{10} =$	j $\frac{5}{6} - \frac{2}{6} =$	o $\frac{11}{12} - \frac{10}{12} =$

Subtracting fractions with common denominators is easy.



**6** Use 2 different colours to add the fractions on the diagrams then record your answers below as an improper fraction and a mixed numeral. The first one is done for you.

<p>a   <math>\frac{2}{3} + \frac{2}{3} = \frac{4}{3} = 1\frac{1}{3}</math></p>	<p>d   <math>\frac{4}{6} + \frac{3}{6} = =</math></p>
<p>b   <math>\frac{7}{10} + \frac{6}{10} = =</math></p>	<p>e   <math>\frac{3}{4} + \frac{3}{4} = =</math></p>
<p>c   <math>\frac{7}{8} + \frac{5}{8} = =</math></p>	<p>f   <math>\frac{7}{12} + \frac{6}{12} = =</math></p>

0  $\frac{1}{12}$   $\frac{2}{12}$   $\frac{3}{12}$   $\frac{4}{12}$   $\frac{5}{12}$   $\frac{6}{12}$   $\frac{7}{12}$   $\frac{8}{12}$   $\frac{9}{12}$   $\frac{10}{12}$   $\frac{11}{12}$  1  $\frac{1}{12}$   $\frac{2}{12}$   $\frac{3}{12}$   $\frac{4}{12}$   $\frac{5}{12}$   $\frac{6}{12}$   $\frac{7}{12}$   $\frac{8}{12}$   $\frac{9}{12}$   $\frac{10}{12}$   $\frac{11}{12}$  2

**7** Use the number line to add the fractions.

a $\frac{8}{12} + \frac{5}{12} =$	d $\frac{9}{12} + \frac{6}{12} =$	g $\frac{7}{12} + \frac{5}{12} =$
b $\frac{9}{12} + \frac{7}{12} =$	e $\frac{10}{12} + \frac{9}{12} =$	h $\frac{8}{12} + \frac{9}{12} =$
c $\frac{8}{12} + \frac{7}{12} =$	f $\frac{11}{12} + \frac{7}{12} =$	i $\frac{9}{12} + \frac{9}{12} =$

**8** How many questions can you write that have an answer of  $1\frac{7}{12}$ ?

Communicating, Reasoning N Solve problems involving addition and subtraction of fractions with the same or related denominators **61**

**Wednesday**

Spelling	Break your spelling words into syllables.
Sentence of the day	<p style="text-align: center;">SENTENCE OF THE DAY <span style="float: right;"><i>Wednesday</i></span></p> <p><b>Learning Intention:</b> Write a complex sentence with an independent and dependent clause.</p> <p>Prompt: <i>Begin your sentence with 'After'.</i></p> <ul style="list-style-type: none"> <li>● <i>James buying his ticket</i></li> <li>● <i>Catching the train</i></li> </ul>
Writing	Using your planning page you constructed and the sizzling start from Tuesday, write the Tightening Tension (pebble, rock, boulder) step of your story. Remember to use your 5 + 1 senses and figurative language to engage your reader.

Reading

Read for at least 20 mins a book of your choice.

After reading:

Complete one of the following sentences about what you have just read:

**Question:** "I wonder if..." or "what if..."

**Connection:** "This reminds me of..."

**Opinion:** "I think..."

**Reaction:** "WOW, I didn't know that..."

Comprehension

Create 5 'fact or fiction' questions from your favourite TV show.

Think:

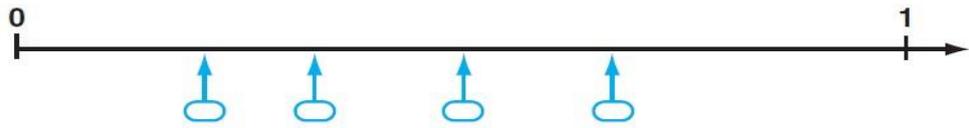
What if...

Why did... How

come... Why...

Problem Solving

Which position is closest to  $\frac{1}{3}$  on this number line?



Maths

Write the heading "Expanding numbers" and complete the following in your workbook.

The image shows a page from a workbook titled "Expanding numbers" with a "UNIT 16" badge. The page contains several math problems:

- 3** Expand the numbers. The first one is done for you.  
a 227 386 200 000 + 20 000 + 7000 + 300 + 80 + 6  
b 576 491 [ ] + [ ] + [ ] + [ ] + [ ] + [ ]  
c 963 237 [ ] + [ ] + [ ] + [ ] + [ ] + [ ]  
d 425 310 [ ] + [ ] + [ ] + [ ] + [ ] + [ ]  
e 3240 300 [ ] + [ ] + [ ] + [ ]  
f 4780 407 [ ] + [ ] + [ ] + [ ] + [ ]  
g 6029 256 [ ] + [ ] + [ ] + [ ] + [ ] + [ ]
- 4** Write the numbers in words.  
a 356 257 \_\_\_\_\_  
b 479 807 \_\_\_\_\_  
c 906 007 \_\_\_\_\_  
d 4274 300 \_\_\_\_\_  
e 27 360 027 \_\_\_\_\_
- 5** Write and order phone numbers.  
a Write down 7 home phone numbers of your classmates in Grid A.  
b Order the phone numbers from smallest to largest in Grid B.  

Grid A	Grid B
- 6** Write the number.  
a I am a number that has a 6 in the tens of thousands place, a 7 in the hundreds of thousands and a 4 in the thousands. My last 3 digits are 319. What am I? [ ]  
b I am a number that has a 7 in the millions place, a 4 in the thousands place, a 6 in the tens, a 3 in the tens of thousands and a 9 in the ones. The other places have zeros. [ ]

At the bottom of the page, there is a small text: "Investigate everyday situations that use integers, locate and represent these numbers on a number line" and a page number "65".

History	<p style="text-align: center;"><u>Federation</u></p>  <p>In Library, we looked at posters for and against Federation. Design a poster for or against <b>one</b> of the following topics.</p> <ul style="list-style-type: none"> <li>· Mobile phones in classrooms</li> <li>· Having a class pet (dog, cat, bird, fish etc)</li> <li>· A 4-day working week (which means a 3-day weekend)</li> </ul> <p style="color: red;">Remember to use emotive (emotional) language, strong images and humour.</p>
Other	<p>Go outside and teach yourself how to juggle 2 balls... try to get to 3.</p> <p>OR</p> <p>Cut up a cardboard box cut out shapes and place them on top of each other to create a 3D mountain.</p>

## Thursday

Spelling	Create a find a word a find a word in your book. Use a 10cm by 10cm grid.
Sentence of the day	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;">SENTENCE OF THE DAY <span style="float: right;"><i>Thursday</i></span></p> <p><b>Learning Intention:</b> Write a complex sentence with an independent and dependent clause.</p> <p>Prompt: Use 'then' in your sentence.</p> <ul style="list-style-type: none"> <li>● <i>Dad walked the dog</i></li> <li>● <i>Dad cooked dinner</i></li> </ul> </div>
Writing	<p>Using your planning page you constructed, the sizzling start, and your tightening tension, write the exciting ending and character care factor for your story.</p> <p>Remember to use your 5 + 1 senses and figurative language to engage your reader.</p> <p>Post a photo of your completed work to Seesaw! We are so excited to see how hard you have been working.</p>
Reading	Read for at least 20 mins a book of your choice

Comprehension

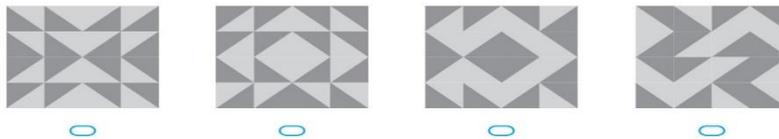


Complete the following questions in your book:

1. Why can it be difficult to walk from one side of town to another?
2. Is it always difficult?
3. What do you think the perks are of living in Stilt Town?
4. What might the disadvantages be?
5. Why is it called Stilt Town?
6. If you lived in Stilt Town, which house would you most like to reside in?
7. Which house would you least like to reside in?
8. What materials do you think the Town is made from?
9. Where do they get their food from?
10. Do they have electricity?

Problem Solving

Which pattern does **not** have any lines of symmetry?



Maths

Write the heading "Add and Subtract Fractions" and complete the following in your workbook.

**Add and subtract fractions** UNIT 17

7 Show how these fractions can be added or subtracted on the number lines supplied.

a  $\frac{3}{10} + \frac{4}{10} =$

b  $\frac{11}{12} - \frac{5}{12} =$

8 Add or subtract these common fractions. The first one is done for you.

a $\frac{2}{5} + \frac{1}{5} = \frac{4}{5}$	f $\frac{7}{10} + \frac{1}{10} =$	k $\frac{1}{10} + \frac{2}{10} + \frac{4}{10} =$	<i>Common fractions have denominators which are the same.</i>
b $\frac{3}{8} + \frac{4}{8} =$	g $\frac{8}{8} = \frac{3}{8} =$	l $\frac{2}{10} + \frac{2}{10} + \frac{3}{10} =$	
c $\frac{1}{3} + \frac{1}{3} =$	h $\frac{5}{6} - \frac{3}{6} =$	m $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	
d $\frac{3}{4} - \frac{1}{4} =$	i $\frac{1}{5} + \frac{4}{5} =$	n $\frac{1}{12} + \frac{3}{12} + \frac{6}{12} =$	
e $\frac{8}{10} - \frac{5}{10} =$	j $\frac{8}{10} - \frac{3}{10} =$	o $\frac{3}{12} + \frac{4}{12} + \frac{1}{12} =$	

**Converting improper fractions to mixed numerals**  
When adding fractions we often obtain an answer that is greater than one. In such cases the answer is first given as an improper fraction then converted to a mixed numeral by dividing its numerator by its denominator.  
E.g.  $\frac{7}{10} + \frac{7}{10} = \frac{14}{10} = 1\frac{4}{10}$

9 Add the fractions then convert the improper fraction answers to a mixed numeral. The number line may help you.

a $\frac{4}{8} + \frac{7}{8} = \frac{11}{8} = 1\frac{3}{8}$	c $\frac{7}{8} + \frac{5}{8} =$	e $\frac{6}{8} + \frac{5}{8} =$
b $\frac{6}{8} + \frac{6}{8} =$	d $\frac{7}{8} + \frac{4}{8} =$	f $\frac{5}{8} + \frac{5}{8} =$

10 Add the fractions to get an improper fraction then convert it to a mixed numeral.

a $\frac{3}{4} + \frac{3}{4} = \frac{6}{4} = 1\frac{2}{4}$	e $\frac{5}{6} + \frac{4}{6} =$	i $\frac{6}{10} + \frac{7}{10} + \frac{4}{10} =$
b $\frac{3}{5} + \frac{4}{5} =$	f $\frac{7}{8} + \frac{7}{8} =$	l $\frac{9}{10} + \frac{9}{10} + \frac{7}{10} =$
c $\frac{4}{5} + \frac{4}{5} =$	g $\frac{7}{10} + \frac{7}{10} =$	k $\frac{3}{4} + \frac{3}{4} + \frac{3}{4} =$
d $\frac{4}{5} + \frac{2}{5} =$	h $\frac{9}{10} + \frac{6}{10} =$	l $\frac{3}{5} + \frac{3}{5} + \frac{3}{5} =$

Communicating, Reasoning  
Solve problems involving addition and subtraction of fractions with the same or related denominators

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Other

Listen to some music and relax

OR

Create a card for Mother's Day coming up on Sunday. REMEMBER don't rush! You don't have to finish it today, you will get some time tomorrow to finish it.

## Friday

Spelling	Get someone to test you on your spelling words or do a look cover write check with them.
Sentence of the day	<div style="border: 1px solid black; padding: 10px;"><p style="text-align: center;">SENTENCE OF THE DAY <span style="float: right;"><i>Friday</i></span></p><p><b>Learning Intention:</b> Write a complex sentence with an independent and dependent clause.</p><p>Prompt: <i>Begin your sentence with 'While'.</i></p><ul style="list-style-type: none"><li>• <i>The children sheltering in the shop doorway.</i></li><li>• <i>The rain fell.</i></li></ul></div>
Reading	Read for at least 20 mins a book of your choice.  After reading: Complete one of the following sentences about what you have just read: <b>Question:</b> "I wonder if..." or "what if..." <b>Connection:</b> "This reminds me of..." <b>Opinion:</b> "I think..." <b>Reaction:</b> "WOW, I didn't know that..."
Other	Go outside and kick or bounce a ball, jump on the trampoline, run round the back yard OR take the dog for a walk Finish your Mother's Day card

# Fossils

Fossils are shapes of dead animals and plants that lived millions of years ago made in rock. Usually when something dies it is eaten or decays and disappears. However, when an animal or plant dies and gets covered over, it can stay there and over time, become a fossil.

## Dinosaurs

Fossils are really important in understanding what has happened a long time ago. Without them we would not even know that dinosaurs existed! People who study fossils are called palaeontologists and these are the people who have found out what we now know about dinosaurs. However, this only started 200 years ago, so we've only known about dinosaurs for 200 years!



### Did you know?

- 'Sue' is the nickname given to most complete and best preserved Tyrannosaurus Rex specimen ever found.
- The word 'fossil' comes from an old word 'fossilis', meaning 'dug up'.
- Fossils are only found in sedimentary rock.
- The fossils in the pictures are called ammonites. It is the town symbol for Whitby in North Yorkshire. Whitby is good for fossil hunting and long ago, people thought that the ammonites were snakes turned to stone by St. Hilda!

## How a Fossil is Made

When some plants or animals die, their body sinks into mud or is buried by sand. This often happens at the bottom of the sea and stops it from rotting or being eaten by other animals. Whilst it is underground, water and minerals seep into the bones and where the bones and body used to be, to make a hard shape. This is squashed under more layers of sand, mud and eventually rock over many, many millions of years.

1. What does a palaeontologist study?

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2. What is the nickname of the best preserved Tyrannosaurus Rex skeleton?

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3. What sort of rock are fossils found in?

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4. Which town has an ammonite fossil as their symbol?

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5. Why have we only got fossils to find out about dinosaurs?

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6. What does the Latin word 'fossilis' mean?

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7. How come the fossilised animals or plants haven't been eaten by other animals?

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8. Why did the author use an exclamation mark at the end of the Fossil Facts section?

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9. Why aren't there any fossils of cats that lived twenty years ago?

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10. Do you think the ammonites in the pictures look like snakes? Why?

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