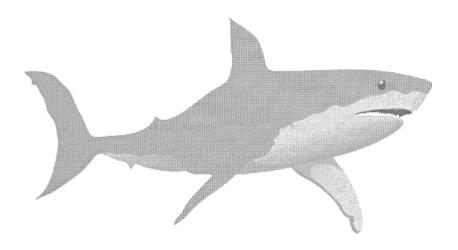
Sharks - The Leaders of the Ocean

There are around 400 different types of sharks in the world. Sharks are the top predators of the ocean's natural food chain.

Sharks have incredibly sharp teeth and they never run out of them. If a shark loses a tooth, another moves forward from within the shark's jaw (where it neatly keeps a supply of replacement teeth). This way, it is almost impossible for a shark to end up without a full set of teeth. A shark may grow and use over 20 000 teeth in its lifetime.

Sharks have super senses. Two-thirds of a shark's brain is dedicated to its most powerful sense – smell. They have a mirror-like layer on their eyes, allowing them to see better in the water. Sharks are also able to feel vibrations in the water, using a line of canals that go from its head to its tail. These canals are filled with water and contain sensory cells with hairs growing out of them.

On average, a shark's lifespan is 20-30 years in the wild.



Fir	Find the Main Idea — Questions					
Name Date						
	Sharks – The Leaders of the Ocean					
1.	What is the main idea of this text?					
2.	What are three details that support the main idea?					
	Detail 1:					
	Detail 2:					
	Detail 3:					
3.	Carefully read the text. Underline any words which are repeated, or seem important. Write them down.					
4.	Another good title for this text could be					
	a) Small Sharks.					
	b) I Love Sharks.					
	c) Facts about Sharks. d) My Pet Shark.					
	a, m, i et en anno					

13. 4 boys weigh 165 kg combined. If two of the boys weigh 92 kg combined and another boy weighs 34 kg, what does the fourth boy weigh?



Teach

14. The local soccer club is looking to purchase new balls for their 192 players. They need 5 balls for every 20 players. How many balls do they need?



Teach

15. The average distance from the Earth to the Moon is 384 000 km. The length of a marathon is 42 km. If you could run from the Earth to the Moon, how many marathons would you have run?

Written methods – adding and subtracting decimals

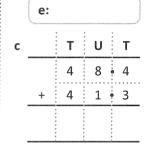
When we add and subtract decimals we follow the same rules we use when working with whole numbers. We need to make sure we line up the place values and the decimal points:

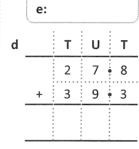
	Т	U	Т
	3 A	¹ 3 •	3
_	1	7	2
	2	6	1

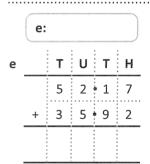
Estimate and solve these addition problems. Remember to put the decimal point into your answers:

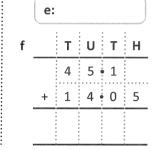
*Granton on the state of the st	e:	entrantas estados	TO CONTROL OF THE PARTY.	
а		Т	U	Т
Ī		_	4	1
_	+	3	1	3
	0 0 0		7 7 0 7	v v v v
		and vice says of the says		i i i Sannannannannan

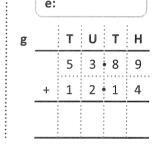
	e:		20200553220044	
b			U	т
		3	2	3
	+	5	8	1
			9 9 9 9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0











		4			
h		T	U	Т	Н
		3	2	4	1
	+	1	9	• 3	3
	GEOGRAPHIC TOTAL		*	,	
			:		
		7	:	,	
			t	,	,

2 Estimate and solve these subtraction problems. Remember to put the decimal point into your answers:

	e:	200200000000	10000 F0000	00000000	CO. 2007-2400			
а			T	0 2 0 0	U		Т	
			8		4		3	
		6 0 0 0	3	9	2	:	3	
		0 0 0 0 0 0 0						

Bart finished his race in a time of 10.67 secs. Lisa finished in 11.24 secs. How much faster was Bart?

Written methods - adding and subtracting decimals

You bought the following. Find the difference between the discount price and regular price for each item, then calculate your total savings. Show all your working out:



Total	savings:	



Mental multiplication strategies – doubling strategy

Use the doubling strategy to solve these:

× 2 × 4

a 13 × 4 _____26

b 16 × 4

c 24 × 4

d 25 × 4 _____

e 32 × 4 _____

f 21 × 4

g 35 × 4 _____

To multiply by 4, double twice. To multiply by 8, double three times.



REMEMBER

6 Use the doubling strategy to solve these:

× 2

× 4

52

× 8

a 12 × 8

24

96

b 14 × 8

112

c 25×8

84

e 13 × 8

d 21 × 8

f 16×8 32

Work out the answers in your head using the appropriate doubling strategy. Use a table like the one above if it helps.

a 18 × 4 =

b 16 × 4 =

c 26 × 4 =

d 24 × 8 =

e 15 × 8 =

f 22 × 8 =

8 Nick's dad offered him two methods of payment for helping with a 5 week landscaping project.

Method 1: \$24 a week for 5 weeks.

Method 2: \$8 for the first week, then double the payment each week.

Which method would earn Nick the most money? Why?