

KTS Pick 'n Mix 2018 Year 5 and 6



Maths Master (40 credits)

Addition

$12 + 7 = 19$

$10 + 11 = 21$

$5 + 11 = 16$

$9 + 7 = 16$

$8 + 6 = 14$

$18 + 7 = 25$

$26 + 9 = 35$

$17 + 13 = 30$

$\frac{1}{2} + \frac{3}{4} = \frac{5}{4}$

$\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$

Subtraction

$20 - 13 = 7$

$19 - 16 = 3$

$14 - 12 = 2$

$12 - 9 = 3$

$18 - 15 = 3$

$32 - 14 = 18$

$41 - 13 = 28$

$50 - 38 = 12$

$\frac{3}{4} - \frac{1}{4} = \frac{2}{4} \text{ or } \frac{1}{2}$

$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$

Multiplication

$2 \times 3 = 6$

$5 \times 5 = 25$

$10 \times 7 = 70$

$2 \times 8 = 16$

$5 \times 10 = 50$

$3 \times 7 = 21$

$5 \times 8 = 40$

$4 \times 7 = 28$

$8 \times 3 = 24$

$6 \times 4 = 24$

$4 \times 9 = 36$

$6 \times 5 = 30$

$9 \times 2 = 18$

$8 \times 8 = 64$

$3 \times 6 = 18$

$20 \times 4 = 80$

$30 \times 2 = 60$

$15 \times 4 = 60$

$25 \times 4 = 100$

$6 \times 7 = 42$

Division

$18 \div 2 = 9$

$15 \div 3 = 5$

$81 \div 9 = 9$

$40 \div 5 = 8$

$36 \div 6 = 6$

$72 \div 8 = 9$

$35 \div 7 = 5$

$64 \div 8 = 8$

$14 \div 2 = 7$

$30 \div 3 = 10$

$21 \div 3 = 7$

$36 \div 4 = 9$

$42 \div 6 = 7$

$28 \div 7 = 4$

$32 \div 8 = 4$

$50 \div 5 = 10$

$20 \div 4 = 5$

$16 \div 4 = 4$

$12 \div 4 = 3$

$100 \div 10 = 10$

Patterns

5, 15, 25, 35

8, 16, 24, 32

28, 21, 14, 7

81, 72, 63, 54

1001, 1000, 999

0.5, 1.0, 1.5, 2.0

6.4, 6.2, 6.0, 5.8

0.3, 0.6, 0.9, 1.2

1.0, 0.8, 0.6, 0.4

6.4, 5.4, 4.4, 3.4

$\frac{1}{2} \times 3 = 1.5$

$\frac{1}{4} \times 2 = 0.5$

$\frac{1}{3} \times 3 = 1$

$0.5 \times 4 = 2.0$

$0.2 \times 10 = 2.0$

How many tens are in all of 321? 32

How many tens are in all of 16.4? 1

How many hundreds are in all of 1342? 13

How many tens are in all of 694? 69

How many tens are in all of 23.9? 2

Word Whizz (40 credits)

1. gender groups- fill in the missing words

ANIMAL	FEMALE	MALE	BABY
dolphin	cow	bull	calf
donkey	jenny	jack	foal
goose	goose	gander	gosling
fox	vixen	dog	infant
horse	mare	stallion	foal
sheep	ewe	ram	lamb
swan	pen	cub	cygnet
chicken	chicken	rooster	chick
ant	gyne	drone	antling
chimpanzee	empress	blackback	infant

2. Antonyms – circle the one that means something opposite

hurt	injure	bruise	treasure	damage
hard	solid	rigid	firm	soft
watch	eye	note	miss	observe
dinner	feast	banquet	meal	snack
drink	beverage	potion	food	refreshment
answer	ignore	react	respond	reply
decide	determine	ponder	choose	resolve
even	steady	uniform	smooth	hectic
great	enormous	vast	tiny	huge
keep	dispense	hold	retain	preserve

3. Synonyms – circle the one that means something similar

noise	clamour	desire	silence	leader
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setting	benches	context	comfort	rejection
travel	distant	departure	schedule	excursion
rank	investment	status	neglect	maintenance
trial	display	surroundings	inquest	radical
need	desire	survey	report	respond
broken	fragment	record	clamour	demolished
club	bewilder	clique	decide	sports
nurse	nurture	hospital	patient	recuperate
often	completely	helpfully	habitually	appreciative

4. Prefixes

opposite direction to how clock hands move round	Anticlockwise
medicine that works against bacteria	Antibiotic
work out an amount wrongly	Miscalculate
substance that is used to clean wounds	Antiseptic
put in the wrong place	Misplace
use something in the wrong way	misuse
have no confidence in	Mistrust
not wanting the company of others	Antisocial
cause someone to have the wrong idea	Mislead
disappointing end to exciting event	Anticlimax

5. Suffixes

having great strength	Powerful
showing elegance	Graceful
misleading others	Deceitful
showing an appreciation of kindness	Grateful
having skill	Skillful
seeming young	Youthful
feeling afraid	Fearful
being strong and assertive	Forceful
feeling uncertain about something	Doubtful
existing in great quantities	plentiful

6. Singular/ Plural – fill in the missing words

One	More than one
story	stories
baby	babies
echo	echoes
lady	ladies

elf	elves
knife	knives
mosquito	mosquitoes
half	halves
leaf	leaves
hero	heroes
lolly	lollies

7. Homophones etc (½ credit for whole correct sentence)

It's been a great summer and definitely one that will be remembered for its remarkable weather. (its / it's)

Look over there at their toys. (their / there)

I threw the basketball through the hoop. (threw / through)

He brought the book he had bought at the sale. (brought / bought)

I'll cover the aisle with petals. (aisle / I'll)

I have found the best way to give advice to your children is to find out what they want and then advise them to do it. (advise / advice)

Remember, practice makes perfect, so make sure you work hard to practise your spelling words. (practise / practice)

Everyone turned up except Paul. (accept / except)

She answered the question straight away. (strait / straight)

"This cranberry sauce is an excellent complement to the turkey and we must compliment Rosie for her great cooking skill." (compliment / complement)

8. Collective Nouns

A school of	• porpoises
An anthology of	• Writers
A mischief of	• Rats
A crash of	• hippopotami
An audience of	• Listeners
A worship of	• stories
A caravan of	• desert travellers
A posse of	• police
A rope of	• Onions
A sleuth of	• Bears

Trivia Champion (40 credits)

1. What is the most southern capital city in the world? (Wellington)
2. What is the Prime Minister of New Zealand's name? (Jacinda Ardern)
3. What is the Maori name for the South Island of New Zealand? (Te Wai Pounamu)
4. What is the name of New Zealand's deepest lake? (Hauroko)
5. When did Mount Tarawera erupt? (10 June 1886)
6. What is the Maori name for ocean? (moana)
7. What range of hills are found on the west coast of Auckland (Waitakere Ranges)
8. When did New Zealand women vote in New Zealand for the first time? (28 November 1893)
9. What are the names of the three volcanoes near the shores of Lake Taupo (Ruapehu, Tongariro, Ngauruhoe)
10. Where is the self described 'Kiwifruit Capital of the World'? (Te Puke)
11. What does the maori work *kai* mean? (food or eat)
12. What sport do the New Zealand Warriors play? (Rugby League)
13. What does Tangata Whenua mean? (People of the land)

14. Who is New Zealand's Governor General? (Patsy Reddy)
15. Who skippered a giant catamaran in the fastest circumnavigation of the world in 1994 (Sir Peter Blake)
16. Who wrote the novel Whale Rider? (Witi Ihimaera)
17. Name the group of islands to the east of the New Zealand mainland where the Moriori are the native people? (The Chatham Islands)
18. What is the capital city of China? (Beijing)
19. In which continent would you find Lake Superior (North America)
20. Who was the first women prime minister of New Zealand? (Jenny Shipley)
21. Name two animals that are monotremes. (echidna and platypus)
22. In which country would you find the Great Pyramids? (Egypt)
23. Which country has a 'Great Wall', a 'Terracotta Army' and a 'Forbidden City'? (China)
24. In what country would you wear a stetson? (USA)
25. The 'Burj Khalifa' is the tallest building in the world. Where is it? (Dubai / United Arab Emirates)
26. In which part of the world would you find the blue footed booby? (Galapagos Islands)
27. Which planet is known as the red planet? (Mars)
28. What is the Maori name for the cluster of seven stars also known as The Pleiades? (Matariki)
29. Name the continents (all 7-Africa, Asia, Antarctica, North America, South America, Europe and Australasia or Oceania)
30. What is the capital city of Korea? (Seoul)
31. Constantinople is now known as what city? (Istanbul)
32. What are ungulates? (hoofed animals)
33. What is the species Cyathea dealbata better known as? (Silver fern)
34. Name two of New Zealand's native frogs? (Hamilton's, Maud Island, Hochstetter, Archey's)
35. When was the Treaty of Waitangi signed? (6 February 1840)
36. When was Queen Elizabeth II crowned? (2nd June 1953)
37. When did Hillary and Tenzing conquer Everest? (29 May 1953)
38. What planet has moons named Io, Europa, Ganymede, and Callisto? (Jupiter)
39. Prince Harry and Meghan Markle are now the Duke and Duchess of where? (Sussex)
40. What is the constellation Crux known as? (The Southern Cross)

Fitness Fanatics (40 credits)

40 minutes

4 minutes at each station

	Seniors 5 - 8
Station 1	Partner skipping Come up with a skipping combo with a partner
Station 2	Skip through an obstacle course Have some cones and hoops set up and have each skipper go through the course.
Station 3	Jump Maths - buddies Give a math equation to solve, like $2 + 5$. The jumper repeats the math equation and then jumps the answer (in this case, they would jump 7 times). Use more complicated equations to practice math and jumping skills.
Station 4	Back rope skipping and cross over the front.
Station 5	Double Dutch 2 Ropes each end being held by someone
Station 6	Running Skipping round the field
Station 7	Normal skipping
Station 8	Skipping Relay Line up in teams of 5 and then have them skip to the cone and then do 5 star jumps in the hoop.
Station 9	Doubles Skipping One jumps and the other jumps in without a rope and they jump together. Standing side by side with your partner. One person has the jump rope, starts jumping, and then passes one of the handles to

	<p>their partner while continuing to jump rope. Together they turn the jump rope while only one jumps.</p> <p>Two person wheel: Two children standing side by side, each with a jump rope. The children exchange the inside handles of their jump ropes. Together and at the same time they turn the ropes and jump at same time.</p>
Station 10	<p>Long Rope</p> <p>1 long rope and 2 people have each end and swing it over and the skippers run into the middle and jump.</p> <p>Variation</p> <p>Two people turn a long rope and one person jumps in. The turners call out actions (like "touch your nose" or "jump on one leg") for the jumper to complete while jumping. They keep shouting out actions until the jumper makes a mistake. Then the person who called out the action gets to be the next jumper.</p>

Jump Jammers (40 credits)

40 minutes of Jump Jam