

Knowledge

Question 1:

1.1) Write down the correct answer.

(a) $12 \times 1 =$		(b) $15 \div 1 =$		(c) $3 + 6 + 0 =$	
(d) $15 \times 0 =$		(d) $9 \div 9 =$		(e) $10 + 4 \times 6 \times 1 =$	
(f) $1 \times 1 =$		(g) $12 \div 12 =$		(h) $5 + 7 \times 0 =$	
(i) $0 \times 9 =$		(j) $1 \div 0 =$		(k) $0 \div 7 + 4 =$	

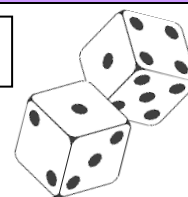
1.2) Fill in < ; > or =

(a) $4 \times 5 \times 6 =$		(b) $3 \times 5 \times 4 =$	
(c) $8 \times 3 \times 10 =$		(d) $100 \div 4 \times 3 =$	
(e) $9 \times 9 \times 2 =$		(f) $1\,000 \div 8 \times 2 =$	
(g) $2 \times 50 \times 10 =$		(h) $140 \div 2 \times 2 =$	
(i) $4 \times 4 \times 2 \times 2 =$		(j) $1000 \div 8 \div 125 =$	

Application

Question 2:

These questions are based on a six faced dice.



2.1) Study the following and answer the questions.

(a) How many faces are there in 4 dice?	
(b) If you roll 10 dice, how many times will you be able to roll a six?	
(c) Calculate the dots all the dots on 4 dice. Write a number sentence as well. Number sentence:	

(d)	What is the probability to roll a "2" if you only use "3' dices?	
(e)	What is the probability to roll an even number if you only roll one dice?	
(f)	What is the probability to roll an uneven number if 4 dices are used?	
(h)	How many factors of 12 are one dice?	
(i)	How many dices were rolled to indicate the following number sentence? $(6 \times 6) + (6 \times 5) + (6 \times 4) + (6 \times 3) + (6 \times 2) + (6 \times 1)$	
(j)	Calculate the answer of (i)	

Reasoning

Question 3:

- (a) Three dices are rolled and the scores are multiplied together. The product is 72. What is the sum of the three scores? Write down the number sentence as well.

- (b) Three dices are rolled and the scores are multiplied together. The product is 90. What is the sum of the three scores? Write down the number sentence as well.

- (c) Three dices are rolled and the scores are multiplied together. The product is 216. What is the sum of the three scores? Write down the number sentence as well.

- (d) Calculate the product of the dots on the faces underneath.

