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Vedic Math influenced math learning and activities. More than 1700% times faster than regular Math. It enhances in sharpening the mind, increases mental agility and intelligence. Increases speed and accuracy. It improves memory and boosts selfconfidence. It helps in developing the left and right sides of the JE SAMPLE brain. Easy to master and apply.

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K SAMI 3 digit with single digit multiplication using moving multiplier

Explanation: To multiply 3 digit number with a single digit number, write multiplicand on the top and the single digit multiplier below multiplicand's units place.

First multiply with units place, write the answer below units place, if any carry occurs write the carry above tens place.

Move the multiplier to tens place, multiply with tens place, and add the carry if anything from the previous step. Write the answer below tens place. If carry occurs write the carry above the hundreds place. Now move the multiplier to hundreds place, multiply with hundreds, add the carry if anything from the previous step and write the answer E SAMPLE SAMPI below hundreds place.

K Chini

Exercise 8

Multiply using moving multiplier

Example: 247 x 7 3 4 2 4 7 7 又 又 X		ESAMPLE	SAMP
Exercise 8 Multiply using moving	AK	NP1E	SAMPLESAM
1) 371 x 3	2) 723 x 4	S 3) 165	x2 SAMPLE SAM
4) 407 x 8	5) 592 x 3	OLEGAMPI	8

5

K SAMIR Single digit division with remainder

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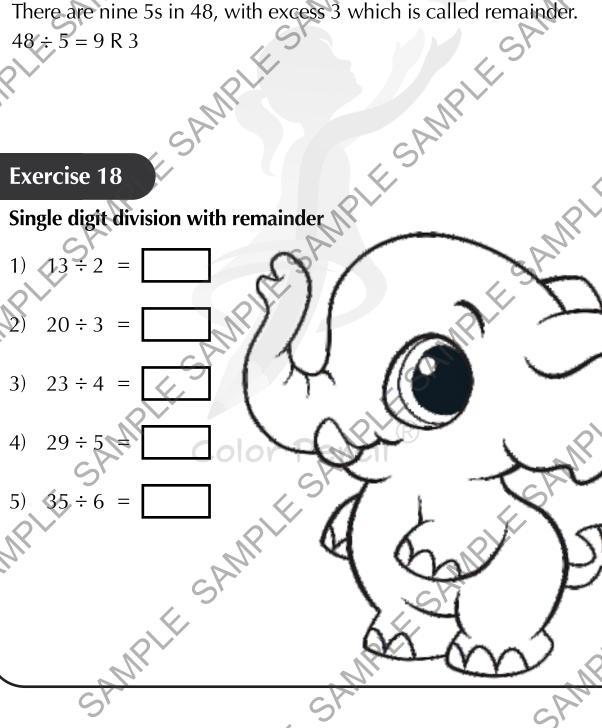
Explanation: The first number is the dividend and the second number is the divisor. Check how many times the divisor fit into the dividend that E SAMPLE is called quotient and remaining number is called remainder.

$$5 \times 9 = 45$$

Example: $48 \div 5$ $5 \times 9 = 45$ There are nine 5s in 48, with excess 3 which is called remainder.

$$48 \div 5 = 9 R 3$$

5)
$$35 \div 6 =$$



K SAMII Find the missing digit in product

K SKINI

Explanation: Do vertically and crosswise multiplication to find the 4437The missing digit is 4 $51 \times 87 = 4437$ ercise 2



0 0			
1) 14 x 2 = 28	2) 18 x 17 = 3 6	3) 23 × 91 = 20 3	
			NP/
. 45	1,5Y	5	
4) 27 × 76 = 205	5) 36 × 42 = 1 12	ANIPIE SANIPIE	
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K SAMIR Divisibility check for 3 using digit sum

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Explanation: To check the divisibility for 3, find the digit sum. If the digit sum is more than a single digit number, add it again till we get the digit Tit sum in single digit. If the digit sum is 3, 6 or 9, the number is divisible SAMPLESAM by 3, otherwise it is not divisible by 3.

Example: 57

Digit sum of 57 = 5 + 7 = 12

Digit sum of 12 = 1 + 2 = 3

The digit sum is 3, so 57 is divisible by 3.

Exercise 38

Divisibility check for 3 using digit sum (write Yes or No)

- 1)
- 12
- 18
- 19 4)

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