

صفحة وجروب عاشق لغة الضاد مستر-رضا نصار

PONY
سلسلة كتب الاستاذ

2024

MATH

5th

Primary
First Term

November
Revision

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Nov. Model Exams

Model 1

First Choose the correct answer:

- When 8.67 is multiplied by 10, the value of 6 changes to
 a 0.06 b 0.6 c 6 d 60
- $8 \times 1,000$ 20×40
 a < b = c > d \geq
- $(60 \times 20) + (60 \times 3) + (7 \times 20) + (7 \times 3)$
 a 67×23 b 62×73 c 63×27 d 76×32
- The area model that represents $(9 \times 200) + (9 \times 40) + (9 \times 5)$ is
 a

200	40	5
9		

 b

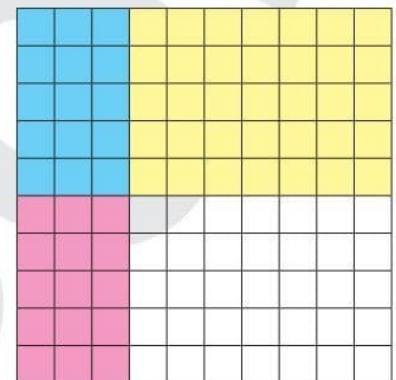
2	4	5
9		

 c

20	4	5
9		

 d

20	40	5
9		
- Any number (except zero) divided by itself equals
 a 0 b 1
 c itself d undefined
- $19.245 \times 10 =$
 a 1924.5 b 192.45 c 0.19245 d 1.9245
- The multiplication problem that expresses the corresponding model is
 a 0.12×0.35 b 1.2×3.5
 c 0.3×0.5 d 30×50



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Second Complete the following:

- 1 $100 \times \dots = 500$
- 2 $\dots \times 9 = 900,000$
- 3 $7,480 = 7 \times (\dots + \dots + \dots)$
- 4 $0.31 \times \dots = 0.93$

Third Essay questions:

- 1 Hazem bought 7 books, the price of each book is 10 pounds.

Find what Hazem paid.

.....

- 2 Find: $276 \div 23 = \dots$

- 3 Compare using (<, =, or >):

a 50×0.01 0.5×100

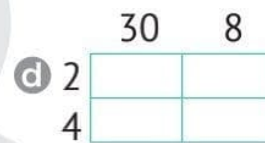
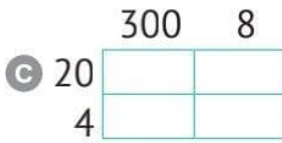
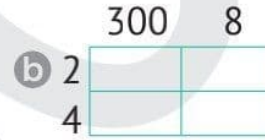
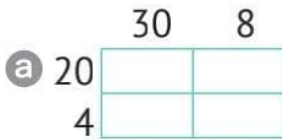
b 50×0.8 0.5×100

c 73.2×0.1 0.732×100

Model 2

First Choose the correct answer:

1 The area model that represents 24×308 is



2 $8 \times 420 = 8 \times (\dots\dots\dots)$

a $4 + 20$

b $40 + 20$

c $400 + 2$

d $400 + 20$

3 If $45 \times 24 = 1,080$, then $10,800 \div 24 = \dots\dots\dots$

a 45

b 24

c 450

d 240

4 Any number multiplied by one equals

a 0

b 1

c itself

d

undefined

5 The estimate of " 19.7×3.27 " to the nearest whole number is

.....

a 60

b 6

c 57

d 65.4

6 If $789 \times a = 7,890$, then $a = \dots\dots\dots$

a 100

b 10

c 1,000

d 1

7 3×5 Hundredths =

a 1.5

b 0.15

c 15

d 0.015

Second Complete the following:

1 $\div 5 = 8$

2 $0 \div 40.54 =$

3 $8 \times$ $= 80,000$

4 $178 \times 8 = 8 \times$ (..... + +))

Third Essay questions:

1 $7,584 \div 32 =$

2 An association donated 11,250 pounds, and it was distributed equally among 45 people. What is the share of each of them?

.....

.....

3 Compare using (<, = or >):

a 56×11 5.6×11

b $115 \div 100$ 1.15×10

c 45×100 4.5×100

d $200 \div 1,000$ 200×0.01

Model 3

First Choose the correct answer:

- 1 The multiplication problem that expresses the corresponding area model is.....

	30	6
20		
7		

- a 36×27 b 63×72 c 207×306 d 26×37

- 2 The division problem that expresses the opposite model is

	200	20	20	5
8	1.960	360	200	40
	-1.600	-160	-160	-40
	360	200	40	0

- a $1960 \div 8$ b $2225 \div 8$ c $245 \div 8$ d $360 \div 8$

- 3 $2,215 \div 15 = 147 \text{ R } \dots\dots\dots$

- a 15 b 10 c 5 d 0

- 4 The decimal point in the product of 0.01×0.1 is after decimal places.

- a 1 b 2 c 3 d 4

- 5 $2.56 \times \dots\dots\dots = 25.6$

- a 10 b 100 c 0.1 d 0.01

- 6 Since $42 \times 51 = 2,142$ Then $4.2 \times 0.51 = \dots\dots\dots$

- a 214.2 b 2.142 c 0.2142 d 21.42

- 7 If $2,465 \div 16 = 154$, and $R = \dots\dots\dots$

- a 0 b 1 c 2 d 3

Second Complete the following:

- 1 The product of "899 x 11" is closer to the product of x
- 2 $450 \div 100 =$
- 3 X 0.01 = 0.03
- 4 When multiplying by 0.01, we move the decimal point
places to the

Third Essay questions:

- 1 What is the number that, if divided by 7, the result is 24 and the remainder is 4?
-

2 Find:

a

$$\begin{array}{r} 5.6 \\ \times 2.3 \\ \hline \dots\dots \\ + \dots\dots \\ \hline \dots\dots \end{array}$$

b $87 \div 5 =$

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Nov. Model Exams

Model 4

First Choose the correct answer:

- 1 $6 \times 10,000 = \dots\dots\dots$
- a 600,000 b 60,000 c 6,000 d 600
- 2 Each of the following is a partial of " 97×68 ", except
- a (60×90) b (6×9) c (8×7) d (8×90)

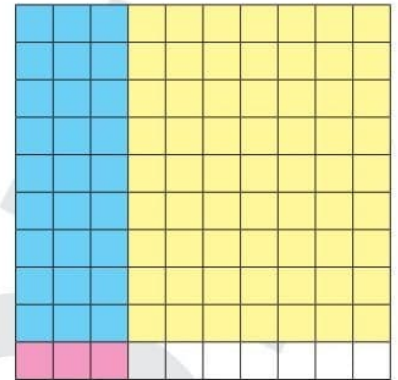
- 3 In the opposite model, the quotient is
- a 11,232 b 48
c 234 d 0

48	11.232	
-	9.600	200
	1.632	
-	1.440	30
	192	
-	192	4
	0	

- 4 The division equation that matches " $113 \times 24 = 2,712$ " is
- a $113 \div 24 = 2,712$ b $113 \div 2,712 = 24$
c $24 \div 113 = 2,712$ d $2,712 \div 24 = 113$

- 5 The multiplication problem that represents the opposite model is

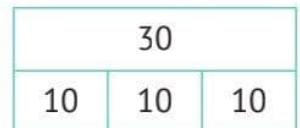
- a 30×90 b 3×9
c 0.3×0.9 d 27×63



- 6 If $9 \times 4 = 36$, then $0.09 \times 0.4 = \dots\dots\dots$
- a 36 b 3.6 c 0.36 d 0.036

- 7 The division equation of the following bar digram is

- a $3 \times 10 = 30$ b $30 \div 3 = 10$
c $10 + 10 + 10 = 30$ d $10 \div 30 = 3$



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Second Complete the following:

- 1 $7 \times 903 = \dots\dots\dots$
- 2 The product of 13.5×2.2 is $\dots\dots\dots$
- 3 If $234 \times 2 = 468$, then $234 \times 20 = \dots\dots\dots$

4

X	40	5
.....	1,200
.....	15

Third Essay questions:

- 1 The price of 35 cans is 525 LE. Find the price of each can?

.....

.....

- 2 Find:

a

X	0.73
	2.8

+	-----

b $520.8 \div 10 = \dots\dots\dots$

Model 5

First Choose the correct answer:

1 $0.07 \times \dots = 70$

- a 100 b 0.1 c 10 d 1,000

2 $62 \times 14 = (2 \times 10) + (60 \times 4) + (\dots) + (2 \times 4)$

- a 6×10 b 60×1 c 6×1 d 60×10

3 The multiplication problem that is represented by the following area model is

	200	7
40		
8		

- a $408 \times 2,007$ b 48×207
 c 408×207 d $48 \times 2,007$

4 $4004 \div 4 = \dots$

- a 101 b 11 c 1,001 d 4,004

5 The division equation that matches " $125 \times 36 = 4,500$ " is

- a $4,500 - 125 = 36$ b $125 \div 36 = 4,500$
 c $4,500 \div 36 = 125$ d $125 + 36 = 4,500$

6 If $1.3 \times 7.2 = 9.36$, then $13 \times \dots = 93.6$

- a 0.72 b 7.2 c 72 d 720

7 5 Thousandths $\times 4 = \dots$

- a 0.02 b 0.2 c 2 d 20

Second Complete the following:

1 [Quotient x Divisor] + Remainder =

2 X 10 = 5

3 43.5 X 4 =

4 5.63 ÷ 0.1 =

Third Essay questions:

1 A rectangular garden with dimensions of 124 metres by 85 metres is divided into rectangular planting basins, each of which is 62 square meters. How many basins are in the garden?

.....

.....

2 Find:

a 2.08 X 62 =

b 16.43 ÷ 31 =

Model 6

First Choose the correct answer:

1 $5 \times (600 + 2) = \dots\dots\dots$

a 5×8

b 5×62

c 5×602

d $5 \times 6,002$

2 $7 \times (500 + 4) = \dots\dots\dots$

a 7×54

b 7×504

c $7 \times 5,004$

d 7×9

3 Any number multiplied by zero equals

a 0

b 1

c itself

d undefined

4 If $35 \times 47 = 1,645$, then $3.5 \times 0.47 = \dots\dots\dots$

a 164.5

b 16.45

c 1.645

d 1,645

5 3 Tenths \times 8 Hundredths =

a 0.024

b 0.24

c 24

d 240

6 $98.7 \times 100 = \dots\dots\dots$

a 987

b 9,870

c 0.987

d 0.0987

7 $0 \div 1.45 = \dots\dots\dots$

a 1.45

b 0

c 1

d undefined

Second Complete the following:

- 1 The quotient of $6.66 \div 6 = \dots\dots\dots$
- 2 $\dots\dots\dots \times 100,000 = 500,000$
- 3 $\dots\dots\dots \times 100 = 200$
- 4 $(30 \times 500) + (30 + 20) + (7 \times 500) + (7 \times 20) = \dots\dots\dots \times \dots\dots\dots$

Third Essay questions:

- 1 What is the number that if divided by 6, the result is 27?
.....

- 2 Find: $0.12 \times 4.5 = \dots\dots\dots$

- 3 Compare using (<, = or >):

a 45×0.12 4.5×12

b 9×0.9 8.1×0.01

c 6.4×0.37 64×3.7

d $856 \div 100$ 856×0.01

Model 7

First Choose the correct answer:

- 1 $\times 3 = 30,000$
 - a 100
 - b 1,000
 - c 10,000
 - d 100,000
- 2 $55 \div 11 = 5$, the divisor of this division operation is
 - a 5
 - b 55
 - c 11
 - d 550
- 3 Any number (except zero) divided by itself equals
 - a 0
 - b 1
 - c itself
 - d undefined
- 4 The quotient in the opposite division model is

$$\begin{array}{r} 0437 \\ 12 \overline{) 5,248} \\ \underline{- 48} \\ 44 \\ \underline{- 36} \\ 88 \\ \underline{84} \\ 4 \end{array}$$

 - a 5,248
 - b 12
 - c 4
 - d 437
- 5 $0.025 \times 0.04 =$
 - a 0.001
 - b 0.0001
 - c 0.00001
 - d 0.01
- 6 $29 \times$ $= 2,900$
 - a 10
 - b 100
 - c 0.1
 - d 0.01
- 7 $30 \div 4 = 7 \text{ R } \dots\dots\dots$
 - a 1
 - b 2
 - c 3
 - d 4

Second Complete the following:

- 1 The quotient of dividing 450 by 15 is
- 2 $65 \times 0.1 =$
- 3 $42 \times$ $= 420$
- 4 $(300 + 60 + 1) \times 5 =$ $\times 5$

Third Essay questions:

- 1 Khaled bought 9.5 liters of juice for 12.7 pounds per liter. How many pounds did Khaled pay?
-
-

- 2 Compare using (<, = or >):

- a 73.2×0.1 0.732×100
- b 2.2×2.2 0.22×22
- c $18.8 \div 10$ $188 \div 0.1$
- d $200 \div 1,000$ 200×0.01

Model 8

First Choose the correct answer:

1 $\div 4 = 3 \text{ R } 1$

- a 13 b 14 c 15 d 11

2 $0.01 \times 0.1 =$

- a 0.1 b 0.01 c 0.001 d 1

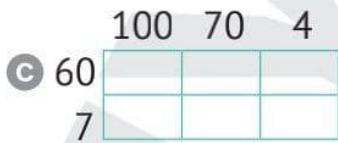
3 $4,630 \div$ $= 46.3$

- a 1 b 10 c 100 d 1,000

4 25×0.1 (.....) 0.25×10

- a $>$ b $<$ c $=$ d

5 The area model that represents 67×174 is



6 $4,444 \div 44 =$

- a 1111 b 110 c 101 d 1001

7 From the following division model, $802 =$

- a $22 \times 36 + 10$ b $22 + 36 \times 10$
 c $22 \times 36 \times 10$ d $22 + 36 + 10$

		036
22	⌈	802
-		66
		142
-		132
		10

Second Complete the following:

- 1 $6 \times (200 + 30 + 7) = \dots\dots\dots \times \dots\dots\dots$
- 2 $(300 + 60 + 1) \times 5 = \dots\dots\dots \times 5$
- 3 If $61 \times 16 = 976$, then $980 \div 61 = 16$ and the remainder is $\dots\dots\dots$
- 4 If $735 \div 21 = 35$, then $35 \times 21 = \dots\dots\dots$

Third Essay questions:

- 1 A box has 256 balls. How many balls are in eight identical boxes?

.....
.....

- 2 Find:

a 23×0.322

b $96 \div 4 = \dots\dots\dots$

Third Essay questions:

- 1 There are 138 job applicants for a vacancy. They will need to place the applicants in 6 rooms while they fill out the application.
How many people will be in each room?

.....
.....

2 Find:

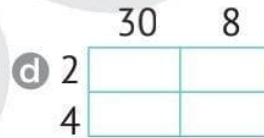
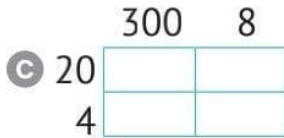
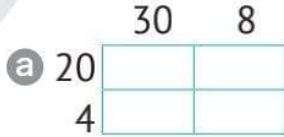
a $0.9 \times 4.2 = \dots\dots\dots$

b $10.5 \times 24 = \dots\dots\dots$

Model 10

First Choose the correct answer:

1 The area model that represents 24×308 is



2 $34 \times \dots = 34,000$

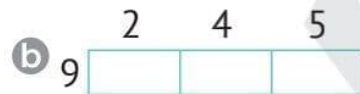
a 100

b 1000

c 10

d 1

3 The area model that represents $(9 \times 200) + (9 \times 40) + (9 \times 5)$ is



4 $24,000 \div 600 = \dots$

a 4

b 40

c 400

d 4,000

5 $3,600 \div 90 = \dots$

a 400

b 40

c 4

d 4000

6 The remainder of division in the opposite model is

a 15

b 6,154

c 410

d 4

	400	10
	6.154	154
15	-6.000	-150
	154	4

7 In the equation " $421 \div 14 = 30$ " the remainder is =

a 421

b 14

c 30

d 1

Second Complete the following:

1 $15 \times 46 = [10 \times \dots\dots\dots] + [10 \times 6] + [5 \times 40] + [\dots\dots \times 6]$

2 $\dots\dots\dots \div 14 = 1,003$

3 $3.33 \times 5 = \dots\dots\dots$

4

X	500	6
40
2

Third Essay questions:

1 A travel agency wants to divide 450 passengers using minibuses, each one has 15 seats. How many minibuses can the travel agency use?

.....

2 The price of 35 cans is 525 LE. Find the price of each can.

.....

3 Compare using (<, = or >):

a 2.2×2.2 0.22×22

b 0.5×0.8 0.2×0.2

c 20×0.5 $1 \div 0.1$

d 5×0.3 0.5×3

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Nov. Model Exams

Model 1

First:

- 1 6 2 >
 3 67×23 4
 5 1 6 192.45
 7 0.3×0.5

	200	40	5
9			

Second:

- 1 5 2 100,000
 3 $7,000 + 400 + 80$ 4 3

Third:

- 1 Hazem paid: $7 \times 10 = 70$ pounds
 2 12 3
 a < b < c <

Model 2

First:

- 1

300	8
20	
4	

 2 $400 + 20$
 3 450
 4 itself 5 60
 6 10 7 0.15

Second:

- 1 40 2 0
 3 10,000 4 $100 + 70 + 8$

Third:

- 1 237
 2 The share = $11,250 \div 45 = 250$ LE
 3
 a > b < c > d <

Model 3

First:

- 1 36×27 2 $1,960 \div 8$
 3 10 4 3
 5 10 6 2.142
 7 1

Second:

- 1 900×10 2 4.5
 3 3 4 2, left

Third:

- 1 The number = $7 \times 24 + 4 = 172$
 2
 a 12.88 b 17.4

Model 4

First:

- 1 60,000 2 (6×9)
 3 234 4 $2,712 \div 24 = 113$
 5 0.3×0.9 6 0.036
 7 $30 \div 3 = 10$

Second:

- 1 6,321 2 29.7
 3 4,680
 4

40	5
30	1,200
3	120
	150
	15

Third:

- 1 The price of each can = $525 \div 35 = 15$ LE
 2 a 2.044 b 52.08

Model 5

First:

- 1 1,000 2 60×10
 3 48×207 4 1,001
 5 $4,500 \div 36 = 125$
 6 7.2 7 0.02

Second:

- 1 Dividend 2 0.5
 3 174
 4 56.3

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Third:

- 1 Area of garden = $124 \times 85 = 10,540$ square meters
Number of basins = $10,540 \div 62 = 170$ basins.

- 2
a 128.96 b 0.53

Model 6

First:

- 1 5×602 2 7×504
3 0 4 1.645
5 0.024 6 9,870
7 0

Second:

- 1 1.11 2 5
3 2 4 37×520

Third:

- 1 The number = $6 \times 27 = 162$
2 0.54
3 a < b > c < d =

Model 7

First:

- 1 10,000 2 11
3 1 4 437
5 0.001 6 100
7 2

Second:

- 1 30 2 6.5
3 10 4 361

Third:

- 1 Khaled paid = $9.5 \times 12.7 = 120.65$ pounds
2
a < b = c < d <

Model 8

First:

- 1 13 2 0.001
3 100 4 =

5

60	100	70	4
7			

- 6 101 7 $22 \times 36 + 10$

Second:

- 1 6×237 2 361
3 4 4 735

Third:

- 1 The number of balls = 256×8
= 2,048 balls
2
a 7.406 b 24

Model 9

First:

- 1 > 2 5×5
3 1 4 0
5 20 6 7.641
7 10

Second:

- 1 3,190 2 400
3 26 4 37×520

Third:

- 1 The number of people will be in each room:
 $138 \div 6 = 23$ people
2
a 3.78 b 252

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Nov. Model Exams

Model 10

First:

- 1

300	8
20	
4	

 2 1000
- 3

200	40	5
9		

 4 40
- 5 40 6 4
- 7 1

Second:

- 1 40, 5 2 14,042
- 3 16.65 .
- 4

x	500	6
40	20,000	240
2	1,000	12

Third:

- 1 The number of minibuses can the travel agency use = $450 \div 15 = 30$ minibuses
- 2 Find the price of each can = $525 \div 35 = 15$ LE
- 3
- a = b > c = d =

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