



8 Advanced Questions

Long Multiplication, Speed Questions, Big Multipliers & Decimal Multipliers

Q1. Big Multipliers

$20 \times 11 =$ _____	$50 \times 4 =$ _____
$20 \times 3 =$ _____	$11 \times 1100 =$ _____
$6 \times 90 =$ _____	$30 \times 6 =$ _____
$10 \times 100 =$ _____	$3 \times 30 =$ _____
$30 \times 7 =$ _____	$20 \times 4 =$ _____
$600 \times 3 =$ _____	$8 \times 90 =$ _____
$2 \times 20 =$ _____	$20 \times 8 =$ _____
$11 \times 20 =$ _____	$40 \times 7 =$ _____

Q5. Speed Questions

$4^2 =$ _____	$0 \times 6 =$ _____
$63 \div 7 =$ _____	$77 \div 7 =$ _____
$44 \div 4 =$ _____	$66 \div 6 =$ _____
$66 \div 11 =$ _____	$3^2 =$ _____
$120 \div 10 =$ _____	$\sqrt{25} =$ _____
$\sqrt{64} =$ _____	$\sqrt{25} =$ _____
$5 \div 5 =$ _____	$8^2 =$ _____
$1 \times 6 =$ _____	$2^2 =$ _____

Q2. Calculate 237×67

		2	3	7
	X		6	7
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Q6. Calculate 675×21

		6	7	5
	X		2	1
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Q3. Decimal Multipliers

$9 \times 0.8 =$ _____	$0.01 \times 11 =$ _____
$12 \times 0.6 =$ _____	$12 \times 1.2 =$ _____
$0.3 \times 9 =$ _____	$7 \times 0.2 =$ _____
$0.8 \times 10 =$ _____	$9 \times 0.9 =$ _____
$0.06 \times 11 =$ _____	$0.11 \times 5 =$ _____
$8 \times 0.04 =$ _____	$0.8 \times 11 =$ _____
$0.7 \times 8 =$ _____	$0.4 \times 5 =$ _____
$6 \times 0.02 =$ _____	$12 \times 0.6 =$ _____

Q7. Calculate 492×88

		4	9	2
	X		8	8
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Q4. Calculate 860×96

		8	6	0
	X		9	6
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Q8. Calculate 524×79

		5	2	4
	X		7	9
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Long Multiplication, Speed Questions, Big Multipliers & Decimal Multipliers

Q1. Big Multipliers

$20 \times 11 =$	<u>220</u>	$50 \times 4 =$	<u>200</u>
$20 \times 3 =$	<u>60</u>	$11 \times 1100 =$	<u>12100</u>
$6 \times 90 =$	<u>540</u>	$30 \times 6 =$	<u>180</u>
$10 \times 100 =$	<u>1000</u>	$3 \times 30 =$	<u>90</u>
$30 \times 7 =$	<u>210</u>	$20 \times 4 =$	<u>80</u>
$600 \times 3 =$	<u>1800</u>	$8 \times 90 =$	<u>720</u>
$2 \times 20 =$	<u>40</u>	$20 \times 8 =$	<u>160</u>
$11 \times 20 =$	<u>220</u>	$40 \times 7 =$	<u>280</u>

Q5. Speed Questions

$4^2 =$	<u>16</u>	$0 \times 6 =$	<u>0</u>
$63 \div 7 =$	<u>9</u>	$77 \div 7 =$	<u>11</u>
$44 \div 4 =$	<u>11</u>	$66 \div 6 =$	<u>11</u>
$66 \div 11 =$	<u>6</u>	$3^2 =$	<u>9</u>
$120 \div 10 =$	<u>12</u>	$\sqrt{25} =$	<u>5</u>
$\sqrt{64} =$	<u>8</u>	$\sqrt{25} =$	<u>5</u>
$5 \div 5 =$	<u>1</u>	$8^2 =$	<u>64</u>
$1 \times 6 =$	<u>6</u>	$2^2 =$	<u>4</u>

Q2. Calculate 237 x 67

		2	3	7
	X		6	7
		<u>1₁</u>	<u>6₂</u>	<u>5₄</u>
<u>1₁</u>	<u>4₂</u>	<u>2₄</u>	<u>2</u>	<u>0</u>
<u>1</u>	<u>5</u>	<u>8</u>	<u>7</u>	<u>9</u>

Q6. Calculate 675 x 21

		6	7	5
	X		2	1
		<u>6</u>	<u>7</u>	<u>5</u>
<u>1₁</u>	<u>3₁</u>	<u>5₁</u>	<u>0</u>	<u>0</u>
<u>1</u>	<u>4₁</u>	<u>1</u>	<u>7</u>	<u>5</u>

Q3. Decimal Multipliers

$9 \times 0.8 =$	<u>7.2</u>	$0.01 \times 11 =$	<u>0.11</u>
$12 \times 0.6 =$	<u>7.2</u>	$12 \times 1.2 =$	<u>14.4</u>
$0.3 \times 9 =$	<u>2.7</u>	$7 \times 0.2 =$	<u>1.4</u>
$0.8 \times 10 =$	<u>8</u>	$9 \times 0.9 =$	<u>8.1</u>
$0.06 \times 11 =$	<u>0.66</u>	$0.11 \times 5 =$	<u>0.55</u>
$8 \times 0.04 =$	<u>0.32</u>	$0.8 \times 11 =$	<u>8.8</u>
$0.7 \times 8 =$	<u>5.6</u>	$0.4 \times 5 =$	<u>2</u>
$6 \times 0.02 =$	<u>0.12</u>	$12 \times 0.6 =$	<u>7.2</u>

Q7. Calculate 492 x 88

		4	9	2
	X		8	8
		<u>3₃</u>	<u>9₇</u>	<u>3₁</u>
<u>3₃</u>	<u>9₇</u>	<u>3₁</u>	<u>6</u>	<u>0</u>
<u>4₁</u>	<u>3₁</u>	<u>2</u>	<u>9</u>	<u>6</u>

Q4. Calculate 860 x 96

		8	6	0
	X		9	6
		<u>5₅</u>	<u>1₃</u>	<u>6</u>
<u>7₇</u>	<u>7₅</u>	<u>4</u>	<u>0</u>	<u>0</u>
<u>8₁</u>	<u>2</u>	<u>5</u>	<u>6</u>	<u>0</u>

Q8. Calculate 524 x 79

		5	2	4
	X		7	9
		<u>4₄</u>	<u>7₂</u>	<u>1₃</u>
<u>3₃</u>	<u>6₁</u>	<u>6₂</u>	<u>8</u>	<u>0</u>
<u>4₁</u>	<u>1₁</u>	<u>3</u>	<u>9</u>	<u>6</u>