



LEARN ITS Challenges!

Steps 10, 11 & 12

Name:

Class:

Date:

Step 10

$1 \times 3 =$	$3 \times 6 =$
$3 \times 5 =$	$7 \times 3 =$
$3 \times 3 =$	$3 \times 10 =$
$3 \times 4 =$	$9 \times 3 =$
$2 \times 3 =$	$8 \times 3 =$

Step 11

$4 \times 4 =$	$6 \times 4 =$
$4 \times 2 =$	$4 \times 9 =$
$3 \times 4 =$	$4 \times 8 =$
$4 \times 1 =$	$7 \times 4 =$
$5 \times 4 =$	$10 \times 4 =$

Step 12

$1 \times 8 =$	$9 \times 8 =$
$8 \times 2 =$	$8 \times 7 =$
$10 \times 8 =$	$8 \times 8 =$
$4 \times 8 =$	$8 \times 6 =$
$8 \times 5 =$	$3 \times 8 =$



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Name:

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Step 10

$2 \times 3 =$	$3 \times 3 =$
$3 \times 10 =$	$3 \times 6 =$
$1 \times 3 =$	$8 \times 3 =$
$9 \times 3 =$	$5 \times 3 =$
$3 \times 4 =$	$7 \times 3 =$

Step 11

$1 \times 4 =$	$7 \times 4 =$
$4 \times 10 =$	$2 \times 4 =$
$4 \times 5 =$	$8 \times 4 =$
$4 \times 4 =$	$4 \times 3 =$
$4 \times 6 =$	$9 \times 4 =$

Step 12

$8 \times 3 =$	$6 \times 8 =$
$7 \times 8 =$	$8 \times 9 =$
$4 \times 8 =$	$8 \times 5 =$
$8 \times 8 =$	$10 \times 8 =$
$2 \times 8 =$	$8 \times 1 =$



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Name:

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Step 10

$10 \times 3 =$	$5 \times 3 =$
$3 \times 3 =$	$8 \times 3 =$
$3 \times 1 =$	$2 \times 3 =$
$4 \times 3 =$	$3 \times 7 =$
$3 \times 9 =$	$6 \times 3 =$

Step 11

$4 \times 5 =$	$1 \times 4 =$
$4 \times 4 =$	$10 \times 4 =$
$4 \times 9 =$	$7 \times 4 =$
$2 \times 4 =$	$4 \times 3 =$
$8 \times 4 =$	$6 \times 4 =$

Step 12

$1 \times 8 =$	$6 \times 8 =$
$7 \times 8 =$	$8 \times 3 =$
$8 \times 4 =$	$2 \times 8 =$
$10 \times 8 =$	$8 \times 8 =$
$9 \times 8 =$	$8 \times 5 =$



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Name:

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Step 10

$5 \times 3 =$	$9 \times 3 =$
$3 \times 10 =$	$7 \times 3 =$
$3 \times 3 =$	$3 \times 4 =$
$3 \times 6 =$	$8 \times 3 =$
$1 \times 3 =$	$3 \times 2 =$

Step 11

$5 \times 4 =$	$4 \times 7 =$
$4 \times 6 =$	$4 \times 8 =$
$10 \times 4 =$	$3 \times 4 =$
$4 \times 2 =$	$1 \times 4 =$
$9 \times 4 =$	$4 \times 4 =$

Step 12

$8 \times 6 =$	$8 \times 8 =$
$8 \times 10 =$	$3 \times 8 =$
$4 \times 8 =$	$8 \times 5 =$
$8 \times 2 =$	$1 \times 8 =$
$9 \times 8 =$	$7 \times 8 =$



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Step 10

$5 \times 3 =$	$10 \times 3 =$
$3 \times 8 =$	$1 \times 3 =$
$2 \times 3 =$	$3 \times 7 =$
$3 \times 4 =$	$6 \times 3 =$
$3 \times 3 =$	$3 \times 9 =$

Step 11

$8 \times 4 =$	$1 \times 4 =$
$7 \times 4 =$	$4 \times 4 =$
$6 \times 4 =$	$4 \times 10 =$
$3 \times 4 =$	$2 \times 4 =$
$4 \times 5 =$	$4 \times 9 =$

Step 12

$6 \times 8 =$	$4 \times 8 =$
$2 \times 8 =$	$10 \times 8 =$
$7 \times 8 =$	$5 \times 8 =$
$8 \times 8 =$	$8 \times 3 =$
$8 \times 1 =$	$9 \times 8 =$



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Name:

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Step 10

$9 \times 3 =$	$3 \times 1 =$
$3 \times 6 =$	$10 \times 3 =$
$2 \times 3 =$	$3 \times 3 =$
$3 \times 5 =$	$3 \times 8 =$
$7 \times 3 =$	$3 \times 4 =$

Step 11

$9 \times 4 =$	$7 \times 4 =$
$4 \times 5 =$	$4 \times 2 =$
$3 \times 4 =$	$10 \times 4 =$
$4 \times 4 =$	$4 \times 8 =$
$4 \times 1 =$	$6 \times 4 =$

Step 12

$10 \times 8 =$	$4 \times 8 =$
$2 \times 8 =$	$8 \times 6 =$
$8 \times 5 =$	$1 \times 8 =$
$8 \times 9 =$	$8 \times 8 =$
$8 \times 3 =$	$8 \times 7 =$



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Step 10

$3 \times 9 =$	$3 \times 6 =$
$4 \times 3 =$	$1 \times 3 =$
$3 \times 7 =$	$3 \times 3 =$
$8 \times 3 =$	$3 \times 5 =$
$3 \times 2 =$	$10 \times 3 =$

Step 11

$2 \times 4 =$	$6 \times 4 =$
$4 \times 4 =$	$10 \times 4 =$
$4 \times 9 =$	$4 \times 1 =$
$3 \times 4 =$	$5 \times 4 =$
$4 \times 8 =$	$4 \times 7 =$

Step 12

$4 \times 8 =$	$2 \times 8 =$
$8 \times 10 =$	$6 \times 8 =$
$8 \times 8 =$	$8 \times 9 =$
$8 \times 7 =$	$5 \times 8 =$
$3 \times 8 =$	$8 \times 1 =$



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Name:

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Step 10

$9 \times 3 =$	$2 \times 3 =$
$8 \times 3 =$	$3 \times 1 =$
$10 \times 3 =$	$7 \times 3 =$
$3 \times 4 =$	$3 \times 6 =$
$5 \times 3 =$	$3 \times 3 =$

Step 11

$7 \times 4 =$	$5 \times 4 =$
$4 \times 9 =$	$4 \times 8 =$
$1 \times 4 =$	$10 \times 4 =$
$4 \times 6 =$	$2 \times 4 =$
$4 \times 4 =$	$3 \times 4 =$

Step 12

$8 \times 7 =$	$10 \times 8 =$
$2 \times 8 =$	$1 \times 8 =$
$8 \times 4 =$	$8 \times 8 =$
$8 \times 3 =$	$8 \times 9 =$
$6 \times 8 =$	$5 \times 8 =$



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Step 10

$1 \times 3 =$	$10 \times 3 =$
$3 \times 4 =$	$3 \times 7 =$
$9 \times 3 =$	$3 \times 3 =$
$3 \times 2 =$	$3 \times 8 =$
$5 \times 3 =$	$6 \times 3 =$

Step 11

$3 \times 4 =$	$4 \times 7 =$
$4 \times 2 =$	$4 \times 9 =$
$5 \times 4 =$	$4 \times 8 =$
$4 \times 1 =$	$10 \times 4 =$
$4 \times 4 =$	$4 \times 6 =$

Step 12

$9 \times 8 =$	$2 \times 8 =$
$8 \times 3 =$	$8 \times 6 =$
$1 \times 8 =$	$5 \times 8 =$
$10 \times 8 =$	$8 \times 4 =$
$8 \times 8 =$	$7 \times 8 =$



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Step 10

$3 \times 3 =$	$3 \times 6 =$
$3 \times 7 =$	$1 \times 3 =$
$3 \times 2 =$	$3 \times 8 =$
$3 \times 4 =$	$5 \times 3 =$
$10 \times 3 =$	$9 \times 3 =$

Step 11

$4 \times 4 =$	$10 \times 4 =$
$7 \times 4 =$	$4 \times 2 =$
$4 \times 6 =$	$1 \times 4 =$
$4 \times 5 =$	$4 \times 8 =$
$4 \times 9 =$	$3 \times 4 =$

Step 12

$8 \times 8 =$	$5 \times 8 =$
$6 \times 8 =$	$8 \times 10 =$
$4 \times 8 =$	$3 \times 8 =$
$8 \times 9 =$	$8 \times 2 =$
$7 \times 8 =$	$1 \times 8 =$



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Name:

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Step 10

$1 \times 3 = 3$

$3 \times 6 = 18$

$3 \times 5 = 15$

$7 \times 3 = 21$

$3 \times 3 = 9$

$3 \times 10 = 30$

$3 \times 4 = 12$

$9 \times 3 = 27$

$2 \times 3 = 6$

$8 \times 3 = 24$

Step 11

$4 \times 4 = 16$

$6 \times 4 = 24$

$4 \times 2 = 8$

$4 \times 9 = 36$

$3 \times 4 = 12$

$4 \times 8 = 32$

$4 \times 1 = 4$

$7 \times 4 = 28$

$5 \times 4 = 20$

$10 \times 4 = 40$

Step 12

$1 \times 8 = 8$

$9 \times 8 = 72$

$8 \times 2 = 16$

$8 \times 7 = 56$

$10 \times 8 = 80$

$8 \times 8 = 64$

$4 \times 8 = 32$

$8 \times 6 = 48$

$8 \times 5 = 40$

$3 \times 8 = 24$



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Steps 10, 11 & 12

Name:

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Step 10

$2 \times 3 = 6$

$3 \times 3 = 9$

$3 \times 10 = 30$

$3 \times 6 = 18$

$1 \times 3 = 3$

$8 \times 3 = 24$

$9 \times 3 = 27$

$5 \times 3 = 15$

$3 \times 4 = 12$

$7 \times 3 = 21$

Step 11

$1 \times 4 = 4$

$7 \times 4 = 28$

$4 \times 10 = 40$

$2 \times 4 = 8$

$4 \times 5 = 20$

$8 \times 4 = 32$

$4 \times 4 = 16$

$4 \times 3 = 12$

$4 \times 6 = 24$

$9 \times 4 = 36$

Step 12

$8 \times 3 = 24$

$6 \times 8 = 48$

$7 \times 8 = 56$

$8 \times 9 = 72$

$4 \times 8 = 32$

$8 \times 5 = 40$

$8 \times 8 = 64$

$10 \times 8 = 80$

$2 \times 8 = 16$

$8 \times 1 = 8$



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Name:

Class:

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Step 10

$10 \times 3 = 30$	$5 \times 3 = 15$
$3 \times 3 = 9$	$8 \times 3 = 24$
$3 \times 1 = 3$	$2 \times 3 = 6$
$4 \times 3 = 12$	$3 \times 7 = 21$
$3 \times 9 = 27$	$6 \times 3 = 18$

Step 11

$4 \times 5 = 20$	$1 \times 4 = 4$
$4 \times 4 = 16$	$10 \times 4 = 40$
$4 \times 9 = 36$	$7 \times 4 = 28$
$2 \times 4 = 8$	$4 \times 3 = 12$
$8 \times 4 = 32$	$6 \times 4 = 24$

Step 12

$1 \times 8 = 8$	$6 \times 8 = 48$
$7 \times 8 = 56$	$8 \times 3 = 24$
$8 \times 4 = 32$	$2 \times 8 = 16$
$10 \times 8 = 80$	$8 \times 8 = 64$
$9 \times 8 = 72$	$8 \times 5 = 40$



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Step 10

$5 \times 3 = 15$	$9 \times 3 = 27$
$3 \times 10 = 30$	$7 \times 3 = 21$
$3 \times 3 = 9$	$3 \times 4 = 12$
$3 \times 6 = 18$	$8 \times 3 = 24$
$1 \times 3 = 3$	$3 \times 2 = 6$

Step 11

$5 \times 4 = 20$	$4 \times 7 = 28$
$4 \times 6 = 24$	$4 \times 8 = 32$
$10 \times 4 = 40$	$3 \times 4 = 12$
$4 \times 2 = 8$	$1 \times 4 = 4$
$9 \times 4 = 36$	$4 \times 4 = 16$

Step 12

$8 \times 6 = 48$	$8 \times 8 = 64$
$8 \times 10 = 80$	$3 \times 8 = 24$
$4 \times 8 = 32$	$8 \times 5 = 40$
$8 \times 2 = 16$	$1 \times 8 = 8$
$9 \times 8 = 72$	$7 \times 8 = 56$



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Name:

Class:

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Step 10

$5 \times 3 = 15$	$10 \times 3 = 30$
$3 \times 8 = 24$	$1 \times 3 = 3$
$2 \times 3 = 6$	$3 \times 7 = 21$
$3 \times 4 = 12$	$6 \times 3 = 18$
$3 \times 3 = 9$	$3 \times 9 = 27$

Step 11

$8 \times 4 = 32$	$1 \times 4 = 4$
$7 \times 4 = 28$	$4 \times 4 = 16$
$6 \times 4 = 24$	$4 \times 10 = 40$
$3 \times 4 = 12$	$2 \times 4 = 8$
$4 \times 5 = 20$	$4 \times 9 = 36$

Step 12

$6 \times 8 = 48$	$4 \times 8 = 32$
$2 \times 8 = 16$	$10 \times 8 = 80$
$7 \times 8 = 56$	$5 \times 8 = 40$
$8 \times 8 = 64$	$8 \times 3 = 24$
$8 \times 1 = 8$	$9 \times 8 = 72$



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Name:

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Step 10

$9 \times 3 = 27$

$3 \times 1 = 3$

$3 \times 6 = 18$

$10 \times 3 = 30$

$2 \times 3 = 6$

$3 \times 3 = 9$

$3 \times 5 = 15$

$3 \times 8 = 24$

$7 \times 3 = 21$

$3 \times 4 = 12$

Step 11

$9 \times 4 = 36$

$7 \times 4 = 28$

$4 \times 5 = 20$

$4 \times 2 = 8$

$3 \times 4 = 12$

$10 \times 4 = 40$

$4 \times 4 = 16$

$4 \times 8 = 32$

$4 \times 1 = 4$

$6 \times 4 = 24$

Step 12

$10 \times 8 = 80$

$4 \times 8 = 32$

$2 \times 8 = 16$

$8 \times 6 = 48$

$8 \times 5 = 40$

$1 \times 8 = 8$

$8 \times 9 = 72$

$8 \times 8 = 64$

$8 \times 3 = 24$

$8 \times 7 = 56$



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Name:

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Step 10

$3 \times 9 = 27$	$3 \times 6 = 18$
$4 \times 3 = 12$	$1 \times 3 = 3$
$3 \times 7 = 21$	$3 \times 3 = 9$
$8 \times 3 = 24$	$3 \times 5 = 15$
$3 \times 2 = 6$	$10 \times 3 = 30$

Step 11

$2 \times 4 = 8$	$6 \times 4 = 24$
$4 \times 4 = 16$	$10 \times 4 = 40$
$4 \times 9 = 36$	$4 \times 1 = 4$
$3 \times 4 = 12$	$5 \times 4 = 20$
$4 \times 8 = 32$	$4 \times 7 = 28$

Step 12

$4 \times 8 = 32$	$2 \times 8 = 16$
$8 \times 10 = 80$	$6 \times 8 = 48$
$8 \times 8 = 64$	$8 \times 9 = 72$
$8 \times 7 = 56$	$5 \times 8 = 40$
$3 \times 8 = 24$	$8 \times 1 = 8$



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Steps 10, 11 & 12

Name:

Class:

Date:

Step 10

$9 \times 3 = 27$	$2 \times 3 = 6$
$8 \times 3 = 24$	$3 \times 1 = 3$
$10 \times 3 = 30$	$7 \times 3 = 21$
$3 \times 4 = 12$	$3 \times 6 = 18$
$5 \times 3 = 15$	$3 \times 3 = 9$

Step 11

$7 \times 4 = 28$	$5 \times 4 = 20$
$4 \times 9 = 36$	$4 \times 8 = 32$
$1 \times 4 = 4$	$10 \times 4 = 40$
$4 \times 6 = 24$	$2 \times 4 = 8$
$4 \times 4 = 16$	$3 \times 4 = 12$

Step 12

$8 \times 7 = 56$	$10 \times 8 = 80$
$2 \times 8 = 16$	$1 \times 8 = 8$
$8 \times 4 = 32$	$8 \times 8 = 64$
$8 \times 3 = 24$	$8 \times 9 = 72$
$6 \times 8 = 48$	$5 \times 8 = 40$



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Steps 10, 11 & 12

Name:

Class:

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Step 10

$1 \times 3 = 3$	$10 \times 3 = 30$
$3 \times 4 = 12$	$3 \times 7 = 21$
$9 \times 3 = 27$	$3 \times 3 = 9$
$3 \times 2 = 6$	$3 \times 8 = 24$
$5 \times 3 = 15$	$6 \times 3 = 18$

Step 11

$3 \times 4 = 12$	$4 \times 7 = 28$
$4 \times 2 = 8$	$4 \times 9 = 36$
$5 \times 4 = 20$	$4 \times 8 = 32$
$4 \times 1 = 4$	$10 \times 4 = 40$
$4 \times 4 = 16$	$4 \times 6 = 24$

Step 12

$9 \times 8 = 72$	$2 \times 8 = 16$
$8 \times 3 = 24$	$8 \times 6 = 48$
$1 \times 8 = 8$	$5 \times 8 = 40$
$10 \times 8 = 80$	$8 \times 4 = 32$
$8 \times 8 = 64$	$7 \times 8 = 56$



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Steps 10, 11 & 12

Name:

Class:

Date:

Step 10

$3 \times 3 = 9$	$3 \times 6 = 18$
$3 \times 7 = 21$	$1 \times 3 = 3$
$3 \times 2 = 6$	$3 \times 8 = 24$
$3 \times 4 = 12$	$5 \times 3 = 15$
$10 \times 3 = 30$	$9 \times 3 = 27$

Step 11

$4 \times 4 = 16$	$10 \times 4 = 40$
$7 \times 4 = 28$	$4 \times 2 = 8$
$4 \times 6 = 24$	$1 \times 4 = 4$
$4 \times 5 = 20$	$4 \times 8 = 32$
$4 \times 9 = 36$	$3 \times 4 = 12$

Step 12

$8 \times 8 = 64$	$5 \times 8 = 40$
$6 \times 8 = 48$	$8 \times 10 = 80$
$4 \times 8 = 32$	$3 \times 8 = 24$
$8 \times 9 = 72$	$8 \times 2 = 16$
$7 \times 8 = 56$	$1 \times 8 = 8$