Varied Fluency
Step 7: Subtract Tens from 3 Digits

National Curriculum Objectives:

Mathematics Year 3: (3C1) Add and subtract numbers mentally, including three-digit number and ones three-digit number and tens three-digit number and hundreds
Mathematics Year 3: (3C2) Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction
Mathematics Year 3: (3C3) Estimate the answer to a calculation and use inverse operations to check answers
Mathematics Year 3: (3C4) Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction

Differentiation:

Developing Questions to support subtracting multiples of ten, up to 90, from a 3-digit number, includes exchanging. Using Base 10 and numerals only. Pictorial support for all questions with some scaffolding provided using Base 10 where an exchange takes place.
Expected Questions to support subtracting multiples of ten, up to 90, from a 3-digit number, includes exchanging. Using place value counters and grids, number lines and numerals. Some scaffolding provided using place value counters and column format where an exchange takes place.
Greater Depth Questions to support subtracting two multiples of ten, up to 90, from a 3-digit number, includes exchanging. Using numerals, words and a variety of representations, including number lines, bar models and part whole models.

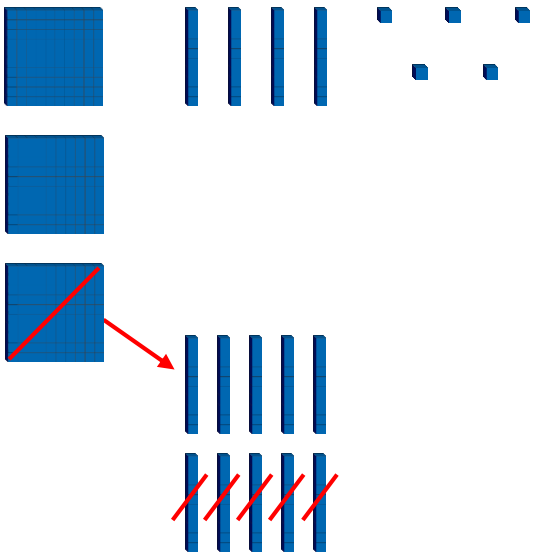
More Year 3 Addition and Subtraction resources.

Did you like this resource? Don't forget to review it on our website.

Subtract Tens from 3 Digits

1a. Solve the subtraction calculation:

345 – 50



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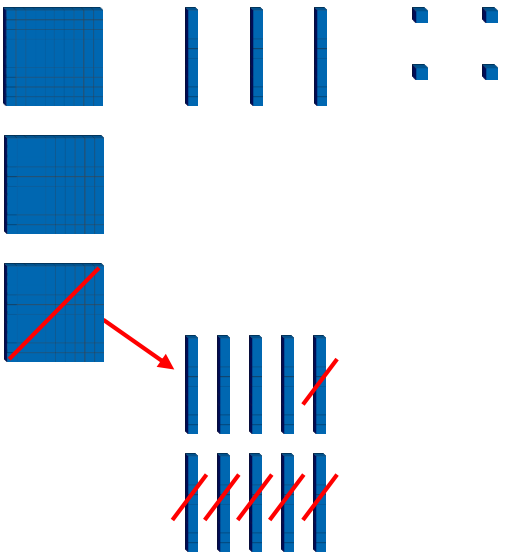
VF

Subtract Tens from 3 Digits

1b. Solve the subtraction calculation:

334 – 60



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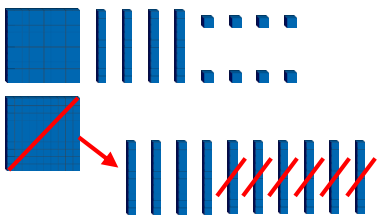
2a. True or false?

248 – 60 = 314

Use the Base 10 to help you.



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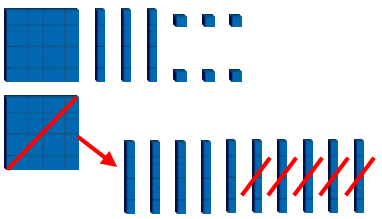
2b. True or false?

236 – 50 = 186

Use the Base 10 to help you.



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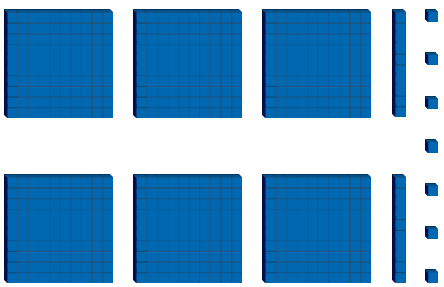
3a. Duncan had 627 sunflower seeds. He planted 70 of them. Use the Base 10 to find how many he had left.



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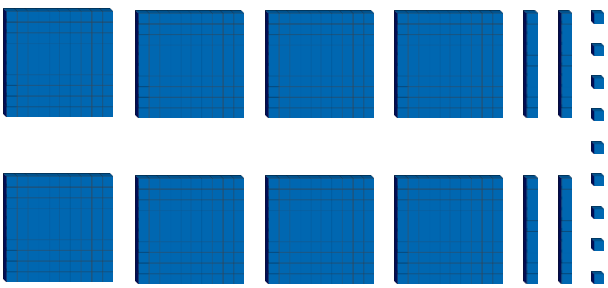
VF

3b. Becky made 849 bags. She sold 90 of them at the market. Use the Base 10 to find how many she had left.



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VF

Subtract Tens from 3 Digits

4a. Solve the subtraction calculation:

423 – 50

H	T	O
100 100 100 ~~100~~	10 10 10 10 10 10 10 10 10 10 ~~10~~ ~~10~~	1 1 1

E VF

Subtract Tens from 3 Digits

4b. Solve the subtraction calculation:

316 – 40

H	T	O
100 100 ~~100~~	10 10 10 10 10 10 10 10 10 ~~10~~ ~~10~~	1 1 1 1 1 1

E VF

5a. True or false?

649 – 70 = 589

Use the number line to help you.

559 569 579 589 599 609 619 629 639 649

E VF

5b. True or false?

852 – 90 = 772

Use the number line to help you.

762 772 782 792 802 812 822 832 842 852

E VF

6a. A shop had 316 chocolate bars. They sold 60 over the weekend. Use the place value grid to find how many were left.

H	T	O
100 100 100	10	1 1 1 1 1 1

E VF

6b. Freya had 425 marbles. She lost 80 of them at the park. Use the place value grid to find how many she had left.

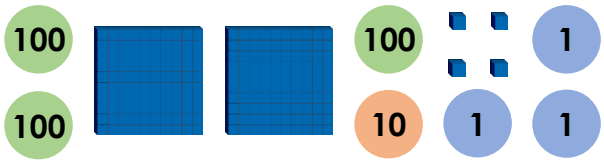
H	T	O
100 100 100 100	10 10	1 1 1 1 1

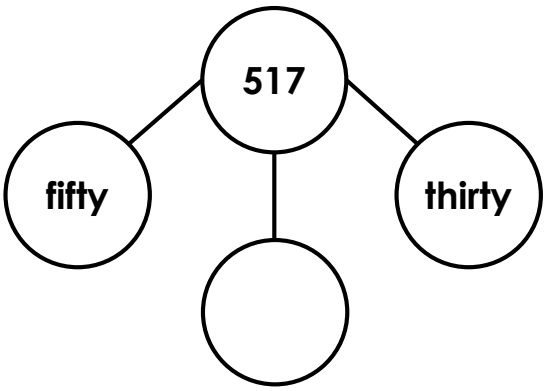
E VF

Subtract Tens from 3 Digits

7a. Solve the subtraction calculation:

517 – fifty – thirty



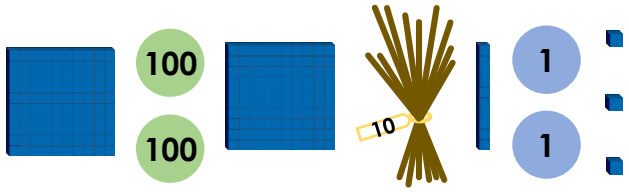


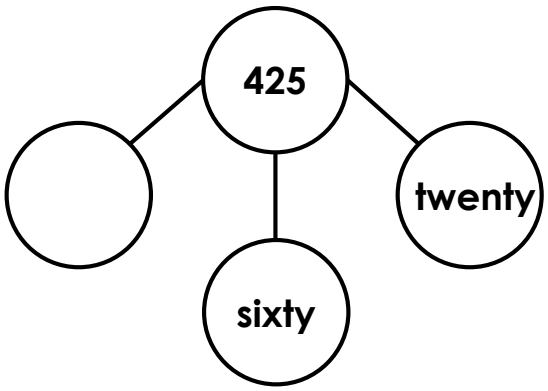
GD VF

Subtract Tens from 3 Digits

7b. Solve the subtraction calculation:

425 – sixty – twenty



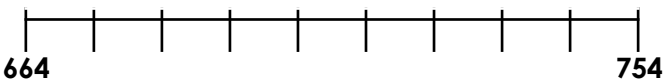


GD VF

8a. True or false?

734 – forty – twenty = 684

Use the number line to help you.

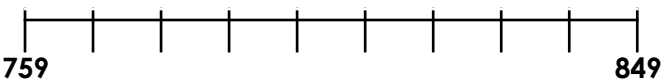


GD VF

8b. True or false?

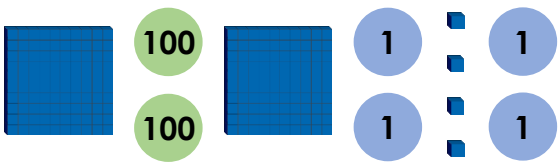
839 – fifty – thirty = 749

Use the number line to help you.



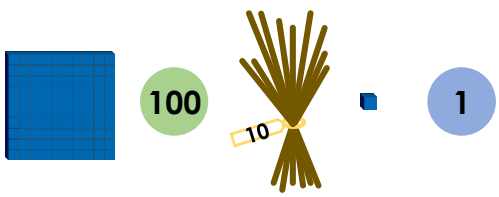
GD VF

9a. A dog rescue centre had four hundred and eight dogs. Sixty dogs were adopted on Saturday and thirty were adopted on Sunday. Use the materials to find how many dogs were left.



GD VF

9b. Martin baked two hundred and twelve cupcakes for a bake sale. He sold forty on Saturday and thirty on Sunday. Use the materials to find how many cupcakes were left.



GD VF

Varied Fluency
Subtract Tens from 3 Digits

Developing
1a. 295
2a. False, 248 – 60 = 188
3a. 557

Expected
4a. 373
5a. False, 649 – 70 = 579
6a. 256

Greater Depth
7a. 437
8a. False, 734 – forty – twenty = 674
9a. 318

Varied Fluency
Subtract Tens from 3 Digits

Developing
1b. 274
2b. True
3b. 759

Expected
4b. 276
5b. False, 852 – 90 = 762
6b. 345

Greater Depth
7b. 345
8b. False, 839 – fifty – thirty = 759
9b. 142