Compare Calculations

1) Complete the bar models to represent the calculations 641 + 822 and 435 + 822.

a)

b)

c) Explain how you know which calculation has the greater answer without completing the calculations.

_____

_____

_____

2) Add <, > or = to these number statements to compare them. Look for patterns to help you compare – you should not need to complete the calculations.

a) 82 + 96 ☐ 72 + 96

b) 341 + 527 ☐ 517 + 341

c) 58 + 43 ☐ 59 + 42

d) 905 – 438 ☐ 900 – 433

e) 630 – 52 ☐ 630 – 25

3) Put these calculations in ascending order. Look for patterns to help you compare – you should not need to complete the calculations.

A 952 – 654

B 952 – 645

C 1052 – 546

D 952 – 546

E 932 – 624

F 1052 – 545

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Compare Calculations

1) Which calculation is the odd one out? Explain your reasoning, including how you used pattern spotting to help you.

A	B	C	D
541 + 387	641 + 287	643 + 289	631 + 297

2) Explain how you can use the first calculation to work out the other calculations.

4328 + 3745 = 8073

a) 4428 + 3745

b) 8073 – 3735

c) 80 730 – 37 450

3) Is Drew correct? Explain your answer.

Drew

I know that 356 – 138 has the same answer as 355 – 137 without completing the calculations.

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