

Answers:

Activity 1

Break up the following numbers:

Number	Break up
456	400+50+6
640	600+40
321	300+20+1
745	700+40+5
698	600+90+8
433	400+30+3
503	500+3
115	100+10+5
566	500+60+6
418	400+10+8

Doubling and halving using break up:





Double 248	Half of 262
=200+40+8	=200+60+2
=400+80+16	=100+30+1
=496	=131
Double 353	Half of 168
=300+50+3	=100+60+8
=600+100+6	=50+30+4
=706	=84
Double 147	Half of 98
=100+40+7	=90+8
=200+80+14	=45+4
=294	=49
Double 377	Half of 304
=300+70+7	=300+4
=600+140+14	=150+2
=754	=152





Rounding off to the nearest ten:




1. 20	6. 60
2. 20	7. 10
3. 10	8. 20
4. 30	9. 30
5. 30	10. 40





Activity 2




Geometric patterns: Colour in the shape that comes next in the pattern.





1.  ? a.  b.  c. 

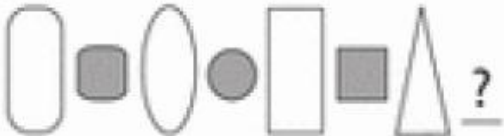



2.  ? a.  b.  c. 

3.  ? a.  b.  c. 

4.  ? a.  b.  c. 

5.  ? a.  b.  c. 

6.  ? a.  b.  c. 

7.  ? a.  b.  c. 

Complete the number patterns.

a. Count forwards in 15's from	360	375	390	405
b. Count backwards in 25's from	425	400	375	350
c. Count forwards in 3's from	503	506	509	512

Activity 3

Comparing numbers. Compare the numbers by using > (greater than), < (less than) or = (equal to).

545 > 534	882 > 828	344 > 423
674 < 676	656 < 562	644 > 624
599 > 595	737 > 735	582 > 833
287 = 287	945 < 954	763 = 763
535 < 553	870 > 807	882 > 828
448 < 484	633 = 633	797 > 577

Order the numbers from smallest to greatest:

123 217 235 405 426 500

Order the numbers from greatest to smallest:

520 499 415 392 241 205

Complete by filling in the missing numbers:

1.

409	410	411	412	413	414	415	416	417	418
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2.

455	460	465	470	475	480	485	490	495	500
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Write down the place value and value of the underlined numbers:

Place value refers to how many hundreds, tens or units.

Value refers to the number.



Number	Place value	Value
4 <u>7</u> 2	7 tens	7
<u>7</u> 98	7 hundreds	700
5 <u>6</u> 0	6 tens	60
6 <u>1</u> 9	9 units	9
5 <u>1</u> 7	1 ten	10

Activity 4

Doubling and halving using break up:

Double 123	Half of 450
=100+20+3	=400+50
=200+40+6	=200+25
= 246	= 225
Double 210	Half of 116
=200+10	=100+10+6
=400+20	=50+5+3
= 420	= 58
Double 368	Half of 218
=300+60+8	=200+10+8
=600+120+16	=100+5+4
= 736	= 109

Rounding off to the nearest ten:

1. 80
2. 20
3. 10

4. 90

5. 70

Complete the number patterns.

a. Count forwards in 4's from	204	208	212	216
b. Count backwards in 20's from	540	520	500	480
c. Count forwards in 100's from	323	423	523	623

Activity 5

Using number lines for addition.

1. 40

2. 62

3. 95

4. 90 (Jump in 5s)

5. 500 (Jump in 50s)