Maths Grid 7.6.20

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| 1. **Number patterns**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | 44 | 50 | 56 |  |  |  |

**Create a number sequence in which:**50 is the middle numberThe difference between next-door numbers is 6Four numbers come before fifty and four after 50 | **Work out using mental strategies that you know.****240 rations packs are to loaded into 8 containers.****240 divided by 8 = 24 tens ÷ 8 = 3 tens = 30 packs****a) 540 ÷ 6 = b) 200 ÷ 5 = c) 350 ÷ 7 =** **d) 360 ÷ 4 = e) 280 ÷ 4 = f) 180 ÷ 6 =** **g) 720 ÷ 8 = h) 600 ÷10 = i) 150 ÷ 3 =** **a) 100 ÷ 2 = b) 800 ÷ 10 = c) 560 ÷ 7 =** **d) 900 ÷10 = e) 630 ÷ 7 = f) 360 ÷ 9 =** **g) 700 ÷10 = h) 360 ÷ 6 = i) 400 ÷ 5 =**  | 1. **Find mentally.**

**3 x 14 3 tens and 3 fours = 30 + 12 = 42****a) 16 x 4 = b) 12 x 9 = c) 13 x 5 = d) 18 x 3 =****e) 8 x 17 = f) 15 x 7 = g) 17 x 6 = h) 2 x 19 =****i) 8 x 15 = j) 16 x 9 = k) 14 x 4 = l) 6 x 18 =****Find one tenth of** **a) 260 b) 300 c) 450 d) 610****e) 700 f) 2050 g) 4000 h) 51000****i) 99000 j) 150000 k) 240000 l) 600000** |
| **Middle number** | **Difference between** |
| **34** | **7** |
| **47** | **6** |
| **5.4** | **2** |
| **68** | **9** |
| **18** | **8** |
| 1. **Add mentally**

a) 45 + 63 = b) 39 + 55 = c) 80 + 42 = d) 78 + 20 = e) 60 + 89 = f) 150 + 77 =g) 220 + 84 = h) 26 + 150 = i) 64 + 97 = k) 180 + 75 = l) 205 + 75 = m) 133 + 72 = n) 80 + 145 = n) 47 + 130 = o) 36 + 122 =**Subtract mentally**a) 180 – 29 = b) 340 – 45 = c) 240 - 36 = d) 180 – 67 = e) 470 - 49 = f) 500 – 56 = g) 670 – 85 = h) 750 – 89 = i) 420 - 74 | **5) Add**a) 0.32 b) 0.25 c) 0.15 d) 0.29 e) 0.08 +0.39 + 0.16 + 0.14 + 0.49 + 0.83f) 0.46 g) 1.69 h) 0.35 i) 2.68 j) 34.49 +0.34 +5.27 + 1.18 + 3.67 +40.98**Subtract**a) 9.46 b) 9.83 c) 0.31 d) 26.52 e) 15.74 + 7.28 +2.28 +0.29 +16.17 + 5.69 | 6) **perimeter**. = distance around the outside of a shape, calculated by adding the length of all sides together.On the attached sheet, work out the perimeter of the shapes. Go outside and see if you can work out the perimeter of shapes that you see e.g. the garden, the door. |
| **Times table drills****Use different strategies to make sure you know your times tables**.* Speed writing
* Chanting
* Times tables wheels
* Buzz
 | 1. **Equal = or not equal ≠**

**Copy and complete these calculations. Put in the correct sign, either = or ≠.**a) 23 + 18 26 + 17 b) 186 – 45 174 – 31c) 64 + 19 39 + 44 d) 351 – 135 374 – 158e) 73 + 52 94 + 21 f) 408 - 75 524 - 123**Put numbers in the boxes to make the equations balance.**a) 18 + 35 = 26 + b) 724 - = 686 – 19c) 14 + 52 = 98 - d) 625 – 586 = - 29e) 363 + = 258 + 251 f) 433 – 394 = - 128 | 1. **Number Patterns**

**Copy and complete these patterns. Write what the rule is each time.**1. **2 5 11 23 47**
2. **1 2 4 7 11**
3. **1 2 4 8**
4. **10 12 16 22 30 40**
5. **1 4 9 16**
6. **75 70 64 57 49**
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 **c****m \_\_\_\_\_\_\_\_\_**

**cm \_\_\_** **cm \_\_\_\_\_\_\_\_\_** cm \_\_\_\_\_\_\_ cm \_\_\_\_\_\_\_

 **cm \_\_\_\_\_\_\_\_\_\_ cm \_\_\_\_\_\_\_\_**

 cm \_\_\_\_\_\_\_\_\_ cm \_\_\_\_\_\_\_\_\_

 cm \_\_\_\_\_\_\_ **Perimeter \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Perimeter \_\_\_\_\_\_\_\_\_\_\_\_**

 **Cm \_\_\_\_\_\_\_\_\_\_\_\_**  **cm \_\_\_\_\_\_\_\_\_\_**

 **Cm \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Perimeter \_\_\_\_\_\_\_\_\_\_\_\_\_**

**Cm \_\_\_\_ \_ Cm \_\_\_\_\_\_\_\_\_\_\_\_**

 **cm** \_\_\_\_\_\_

 **Cm \_\_\_\_\_\_\_ cm \_\_\_\_\_ cm \_\_\_ Cm \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

 **Perimeter** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Perimeter \_\_\_\_\_\_\_\_\_\_\_\_\_ cm \_\_\_\_\_\_\_**