

## Year 6 remote learning for Friday 05/03/2021

Warm up activity – ‘Mathsbot’ sheet that we did every morning when you came in:

1)  $28 + 24$

Answer: \_\_\_\_\_

2)  $12 \div (-4)$

Answer: \_\_\_\_\_

3) Simplify  $\frac{40}{76}$

Answer: \_\_\_\_\_

4)  $115 - 49$

Answer: \_\_\_\_\_

5) Share 48 in the ratio 10:2.

Answer: \_\_\_\_\_

6) 15% of 90

Answer: \_\_\_\_\_

7) Round 959.805 to 2 decimal places.

Answer: \_\_\_\_\_

8)  $\frac{8}{10} \div \frac{8}{12}$

Answer: \_\_\_\_\_

9)  $8 \div 2$

Answer: \_\_\_\_\_

10)  $\frac{10}{12} \times \frac{1}{9}$

Answer: \_\_\_\_\_

11)  $-8 - (-6)$

Answer: \_\_\_\_\_

12) Round 6170 to the nearest 100

Answer: \_\_\_\_\_

13)  $(-6) \times (-9)$

Answer: \_\_\_\_\_

14)  $\frac{10}{17} - \frac{8}{16}$

Answer: \_\_\_\_\_

15)  $\frac{3}{4}$  of 40

Answer: \_\_\_\_\_

16)  $10 \div 10$

Answer: \_\_\_\_\_

17)  $21.5 \times 1000$

Answer: \_\_\_\_\_

18)  $\frac{2}{5} + \frac{6}{11}$

Answer: \_\_\_\_\_

19)  $5 \times 7$

Answer: \_\_\_\_\_

20)  $-7 + 5$

Answer: \_\_\_\_\_

## Answers

Answers				
1) 52	2) -3	3) $\frac{10}{19}$	4) 66	5) 40 : 8
6) 13.5	7) 959.81	8) $1\frac{1}{5}$	9) 4	10) $\frac{5}{54}$
11) -2	12) 6200	13) 54	14) $\frac{3}{34}$	15) 30
16) 1	17) 21500	18) $\frac{52}{55}$	19) 35	20) -2

## Mathematics lesson:

5-a-day booklet first. Answers can be found on: <https://corbettmathsprimary.com/2018/05/30/5-a-day-november-answers/>

Alternatively, if you have picked up the next pack, the February answers are here:

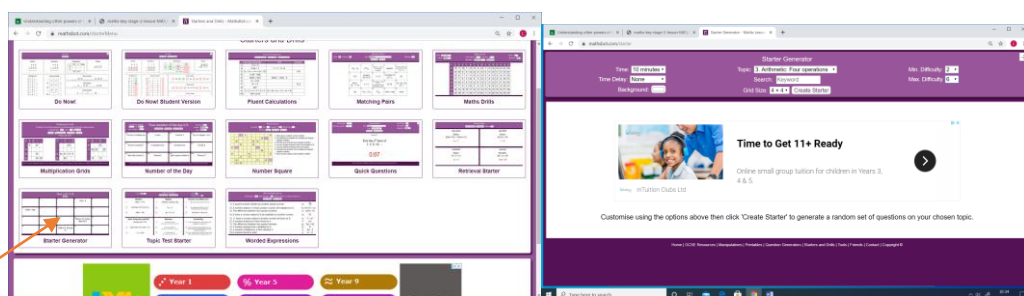
<https://corbettmathsprimary.com/2018/05/30/5-a-day-february-answers/>

**Don't forget to do your times tables test today! Times tables grid on the next page.**



## Mental maths:

Use mathsbot as we normally do in class. <https://mathsbot.com/starterMenu>



Choose starter generator. Then choose time: 10 minutes, topic: four operations, min difficulty: 2, max difficulty 6. Then click create starter.

You will have 10 minutes to complete the starter as we would do normally in class. Once the time has run out, click each box to reveal the answers.

## Main part of the lesson – Adding and subtracting mixed numbers.

**Activity:** Today we will be adding mixed numbers together. This has many steps so watch the video to remind yourself of how to do it.

<https://www.youtube.com/watch?v=J8kjXfD4xas>

★		★★		★★★				
A1	$2\frac{6}{7} + \frac{5}{8}$	↻	B1	$3\frac{2}{6} + 3\frac{1}{3}$	↻	C1	$2\frac{8}{12} + 2\frac{5}{8} - 2\frac{10}{18}$	↻
A2	$2\frac{7}{9} + \frac{8}{15}$	↻	B2	$2\frac{6}{9} - 3\frac{1}{4}$	↻	C2	$3\frac{6}{12} - 1\frac{5}{10} + 3\frac{9}{17}$	↻
A3	$3\frac{8}{14} + \frac{1}{3}$	↻	B3	$2\frac{8}{12} - 2\frac{8}{13}$	↻	C3	$4\frac{4}{10} - 3\frac{2}{10} - 1\frac{7}{15}$	↻
A4	$2\frac{4}{5} + \frac{3}{9}$	↻	B4	$2\frac{7}{15} - 3\frac{7}{15}$	↻	C4	$3\frac{9}{10} + 4\frac{7}{15} - 3\frac{9}{17}$	↻
A5	$2\frac{6}{8} - \frac{3}{8}$	↻	B5	$2\frac{5}{7} - 2\frac{5}{9}$	↻	C5	$2\frac{9}{12} - 4\frac{6}{15} - 3\frac{7}{9}$	↻
A6	$1\frac{6}{8} + \frac{5}{12}$	↻	B6	$1\frac{9}{13} + 1\frac{5}{13}$	↻	C6	$4\frac{4}{6} + 1\frac{3}{10} + 1\frac{5}{11}$	↻
A7	$1\frac{8}{11} - \frac{8}{15}$	↻	B7	$2\frac{6}{10} - 3\frac{6}{12}$	↻	C7	$1\frac{9}{13} - 1\frac{5}{11} - 3\frac{10}{15}$	↻
A8	$1\frac{5}{9} - \frac{2}{4}$	↻	B8	$3\frac{8}{10} - 2\frac{2}{6}$	↻	C8	$4\frac{8}{13} + 1\frac{5}{14} + 3\frac{1}{10}$	↻
A9	$2\frac{3}{4} + \frac{1}{4}$	↻	B9	$3\frac{4}{8} - 3\frac{7}{15}$	↻	C9	$1\frac{5}{6} + 4\frac{3}{9} - 4\frac{2}{7}$	↻
A10	$2\frac{5}{8} - \frac{8}{14}$	↻	B10	$1\frac{8}{13} - 1\frac{4}{11}$	↻	C10	$2\frac{7}{12} + 2\frac{7}{16} - 3\frac{4}{5}$	↻

## Answers:

★		★★		★★★	
A1	$3^{27}/_{56}$	B1	$6^{2}/_{3}$	C1	$2^{53}/_{72}$
A2	$3^{14}/_{45}$	B2	$-7/_{12}$	C2	$5^9/_{17}$
A3	$3^{19}/_{21}$	B3	$2/_{39}$	C3	$-4/_{15}$
A4	$3^2/_{15}$	B4	0	C4	$4^{427}/_{510}$
A5	$2^3/_{8}$	B5	$10/_{63}$	C5	$-5^{77}/_{180}$
A6	$2^1/_{6}$	B6	$3^1/_{13}$	C6	$7^{139}/_{330}$
A7	$1^{32}/_{165}$	B7	$-9/_{10}$	C7	$-3^{184}/_{429}$
A8	$1^1/_{18}$	B8	$17/_{15}$	C8	$9^{33}/_{455}$
A9	3	B9	$1/_{30}$	C9	$1^{37}/_{42}$
A10	$2^3/_{56}$	B10	$36/_{143}$	C10	$1^{53}/_{240}$

## English lesson:

**Activity:** Write a poem about the rainforest. It could be an acrostic, a riddle, a haiku, a narrative poem or a Cinquain. Please bring in your poem on Monday.

## Spellings for the week: Test today!

### Mrs. Rudd's group

### Mrs. Switzer's group

official	great
partial	scent
confidential	sent
essential	vain
substantial	vein
torrential	rode
sequential	road
potential	steel
spatial	steal
martial	waist
influential	waste