

Spicy Question #30



During half term a school requires the entire site to be painted.

The school is only open on Monday – Wednesday and is closed on Thursday and Friday so the job must be done in 3 days or less.

A company sends in some painters on Monday and they complete $\frac{3}{16}$ of the painting.

Fearing they may be behind schedule on Tuesday the company sends 12 more painters that they sent on Monday.

On Tuesday they manage to complete another $\frac{33}{112}$ of the painting.

Assuming that all painters work at the same rate, and each day has the same amount of working hours, how many painters should the company send on Wednesday to complete the job in time?



Calculator allowed

SUBMISSION DEADLINE 8/2/23 – 7PM

Video
Solution



All submissions to be emailed to 1stclassmaths@gmail.com

Full terms and conditions: www.1stclassmaths.com/spicy-questions