**Number of factors, $k$** — increasing information about factors →

**Number of runs** — increasing cost ↓ — lower resolution ↗

| Number of runs \ $k$ | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|
| **4** | $2^{3-1}_{III}$ $\pm C=AB$ | | | | | | |
| **8** | $2^3$ *full* | $2^{4-1}_{IV}$ $\pm D=ABC$ | $2^{5-2}_{III}$ $\pm D=AB$ $\pm E=AC$ | $2^{6-3}_{III}$ $\pm D=AB$ $\pm E=AC$ $\pm F=BC$ | $2^{7-4}_{III}$ $\pm D=AB$ $\pm E=AC$ $\pm F=BC$ $\pm G=ABC$ | | |
| **16** | $2^3$ *twice* | $2^4$ *full* | $2^{5-1}_{V}$ $\pm E=ABCD$ | $2^{6-2}_{IV}$ $\pm E=ABC$ $\pm F=ABD$ | $2^{7-3}_{IV}$ $\pm E=ABC$ $\pm F=ABD$ $\pm G=ACD$ | $2^{8-4}_{IV}$ $\pm E=ABC$ $\pm F=ABD$ $\pm G=ACD$ $\pm H=BCD$ | $2^{9-4}_{III}$ |
| **32** | $2^3$ *4 times* | $2^4$ *twice* | $2^5$ *full* | $2^{6-1}_{VI}$ $\pm F=ABCDE$ | $2^{7-2}_{IV}$ $\pm F=ABC$ $\pm G=ABDE$ | $2^{8-3}_{IV}$ $\pm F=ABC$ $\pm G=ABD$ $\pm H=ACDE$ | $2^{9-3}_{IV}$ |
| **64** | $2^3$ *8 times* | $2^4$ *4 times* | $2^5$ *twice* | $2^6$ *full* | $2^{7-1}_{VII}$ $\pm G=ABCDEF$ | $2^{8-2}_{V}$ $\pm G=ABCD$ $\pm H=ABEF$ | $2^{9-2}_{IV}$ |